

10-10 *News*

INTERNATIONAL

Volume 29 Number 1

January 1991



Spanning the Generations -

Above - Marc Harvey KB8KPL
Age 7 #57700

Left - Tate Rawlinson W4FYB
Age 91 #26799

President	Norm Letcourt	W6IRT
Vice President	Hugh Sullivan	WA4QZU
Secretary	Marge Smothers	WA6ZPX
Treasurer	Gerry Gross	WA6POZ

Directors:	Peggy Pinell	G3MAE
	Elaine Nickoloff	N8CBE
	Linda Barnes	KJ4FM
	Don Weaver	K0JPW
	Gary Ward	KD7UZ
	Jack Miller	W9WYN
	Pete Matson	KC1CP
	Tom Henderson	K4CIH
	Dave Prichard	KA5OVO
	Marv Hagan	WB2SJQ

Chapter Coordinator,	Hugh Sullivan	WA4QZU
Chairman Contest Rules,	Harry Syring	WB1FTQ
Editor, 10-10 News,	Bob Arnold	N2JEU
Int'l Net Manager,	Sherm Sherman	K6PTF
Records Manager,	Lee Pasewalk	WB6MGM
Roster Manager,	Dee Gilbert	KA6HQJ
Supply Manager,	Dave Prichard	KA5OVO
PR & Publicity,	Chuck Imsande	W6YLJ
Convention Manager,	Ray Moyer	WD8JKV
Scholarship Manager,	Morrie Goldman	W6EHM
Historian,	Jim Michaels	W6PGM

10-10 AREA MANAGERS

Call area	Name	Call
1.	Al Kaiser	N1API
2.	Larry Berger	WA2SUH
3.	Chester Gardner	N3GZE
4. VA, NC, SC	Tom Henderson	K4CIH
4. KY, TN, FL	Rick Roberts	N4KCC
4. GA, AL, P.R.	Jim Beswick	W4YHF
5.	Grace Dunlap	K5MRU
6.	Dick Rauscher	W6ANK
7.	Willie Madison	WB7VZI
8.	John Hugentober	N8FU
9.	Bernice Tielemann	N9CDO
0. CO, KS, MO, NE.	Judy Long	WD0DHH
0. IA, MN, ND, SD.	Debbie Peterson	N0KQC
VK.	Les Olsen	VK2JLO
ZL	T.J. (Mac) McKenzie	ZL3RK
All other DX	Carol Hugentober	K8DHK

NET CONTROL STATIONS

Monday	Dusty	K6MPN	28.380 MHZ
Monday	Lovergne	KD6JC	28.800
Tuesday	Al	W6RNX	28.800
Wednesday	Louise	N6ELK	28.800
Thursday	Bill	WB6OMH	28.800
Friday	Sherm	K6PTF	28.800
Saturday	Nat	8P6SA	28.800

10-10 International Nets are all at 1800Z

The 10-10 International News is published four times annually by the 10-10 International Net, Inc. Each full member receives a copy. This is an independent publication. Permission to reprint is granted, providing suitable credit is shown.

News items and PHOTOS are to be sent to the Editor: Bob Arnold, N2JEU, RR # 5, BOX 32 CANASTOTA, N. Y. 13032.

Ph. # 315-697-7478

Ph. BBS 315-697-7365

Deadline For the Next Issue is:

MARCH 15, 1991

Copy deadlines are the 15th of the month preceeding publication. Publication dates are approximately MID, January, April, July and October.

Technical articles and information on all 10 meter activities or news are welcome and solicited. All copy submitted should be typed, using 8 1/2 X 11 plain white paper. Photographs, when submitted, should be black and white (color is acceptable but not as good). Include complete information on subject matter, call signs, names, 10-10 number chapter names, etc. Be sure to reference the information to a specific picture. Do not write on BACK of photo. Include your Phone Number should more information be necessary.

All 10-10 chapter activities and reports should be sent to the Chapter Coordinator, Hugh Sullivan, WA4QZU, 4630 Towne Square Ct. #12, Owensboro, KY 42301. Ph. (502) 685-2075.

AWARDS MANAGERS

100-900 Bars	Glen Harding	K7OMK
1000 Bar UP	Ed Neal	N5EBA
VP Awards	Hiram E. Wolf	W4NWP
Continents Award	Chuck Imsande	W6YLJ
All States Award	Susan Brackeen	KA1CAD
Countries Award	Alan Sherman	K1AS
Lucky 13 Award	Glen Harding	K7OMK
Counties Award	Alice Jenkins	NR4R

(Printed in U.S.A.)



On The CoverTwo generations of hams are represented. Marc Harvey KB8KPL (#57700) is 7 years old and comes from a ham radio family (his Dad is KB8YNW and his grandfather is KB8PGV). He's shown here in the shack of KB8PGV. Is he the youngest 10-10 member? If you know of other young members send along a picture and a paragraph or two!

Tate Rawlinson W4FYB (26799) is a spry 91 years old. He serves as Certificate Manager for the Wiregrass Peanut Pickers 10-10 Chapter in Alabama. The photo was taken on his birthday this past June 1990.

A New Year, A New Beginning1991 is here. As I write this in the opening days of January 1991 thoughts of the past year are fresh in my mind.

Not so long ago I took on the task of editor of the News. Thanks for all of your comments, many great, a very few not so great. All are encouraged and eagerly sought. I hope to serve as editor for a long time to come, health, economics and world politics permitting!

Changes have rocked the foundations of Amateur Radio worldwide. The emerging democratic movement in eastern Europe has done much to foster international good will among amateurs with increased communications and easing the tension of government officials towards Amateur Radio. This is especially so in the USSR with the ability of Soviet hams to finally have QSL cards sent directly to their home address. No more year plus delays via Box 88, Moscow for most hams there.

The situation in the Middle East is by now well known to nearly every ham around the globe. Tensions are very high and I'll not take sides on the issues. It is this humble editor's hope that the conflict can be resolved via peaceful means.

Major changes are coming for Amateur Radio in the USA too. The recent negative ruling by the US court of Appeals concerning the Federal Communications Commission's removal of part of the 220 to 225 Mhz amateur band (220 to 222 Mhz

was "lost" in the United States) will force many changes in repeater linking and the nationwide packet network. In December the FCC announced the revision of the Technician class license into a no-code test required ticket with full privileges above 50 Mhz. Existing Technician class license holders WILL RETAIN their HF privileges under the "grandfather clause" in the announcement. The effects of the "new" license class on Ten-Ten International are unknown at this time. The total effects on Amateur Radio in the USA are also a very large question mark.

In This IssueThe last board meeting under the old slate of officers was held in early October. Minutes of that meeting as well as an extensive report from our President can be found in the next few pages. I've received some letters concerning the alleged "removal" of duplicate 10-10 numbers for club stations operated under an individual's call sign. Remember when reading Norm's report and the minutes that at one time the FCC, many years ago, issued a separate club call sign to Amateur Radio clubs with a single amateur within the club (holding his or her own separate call sign) as trustee for the club station call sign. Thus, the CLUB station actually held the call sign and NOT a single individual. Since the FCC no longer issues these types of calls many have lapsed because the trustee or club officers elected not to renew them. Many others still are in existence and are in active use.

Today, club stations are usually operated under the call sign of an individual. The recent special event station at the 1990 NY State fair is a good example. We operated under the call of KB2ERJ, that call belonging to a single individual and NOT the group that organized the event. The President's Report and board meeting minutes are quite clear in their content and should serve to clarify the matter. Those having additional questions or comments should address them directly to the individuals involved. A list of the New board of directors and the new committees is also included in the President's Report.

Out with the oldThanks to the retiring slate of officers for their years of service to Ten-Ten International. Their untiring efforts moved the organization to the point that it has achieved today.

In with the newWelcome to the new officers and board members. A complete list appears on the inside front cover for your reference. They'll work very hard in the coming months to move Ten-Ten International into new areas and maintain the high standards already built into the organization.

Cycle 22 ups and downsNo one seems quite certain if solar cycle 22 has achieved its peak yet or not. Old Sol may yet still have some surprises in store for us. The general predictions seem to say that the next 12 months

Continued on page 25

PRESIDENT'S MESSAGE de W6IRT

I am writing this in mid December, and I want to wish everyone a very MERRY Christmas and a very happy, prosperous and healthy New Year. But, you are reading this after the holidays. Even though late please accept my sincerest greetings to you and yours.



On October, 20 we held our very last Board meeting under the old bylaws. Be sure to read the minutes as recorded by our Secretary, Col. Don Hirst, W6AGP. Don has done an exceptionally fine job for 10-10. Don, I thank you very much for the work you have done for 10-10. I believe each and every member of 10-10 would also like to thank you, as well.

As noted in the minutes, item #17, we have organized a Board of Directors Committee System. Each Director was asked to select a desired Committee. The assignments were made as selected based on the election totals.

10-10 COMMITTEES		
OPERATIONS		
Chairman,	Peggy,	G4MAE
Co Chairman	Tom,	K4CIH
MEMBERSHIP		
Chairman,	Elaine,	N8CBE
Co Chairman,	Dave,	KA5OVO
COMMUNICATIONS		
Chairman,	Linda,	KJ4FM
Co Chairman,	Pete,	KC1CP
PLANNING		
Chairman,	Don,	K0JPW
Co Chairman,	Jack,	W9WYN
FINANCE		
Chairman,	Gary,	KD7UZ
Co Chairman,	Marv,	WB2SJQ

The individual charge to the five Committees, follows the minutes printed within this issue, and do not need to be repeated here. Appropriate requests, problems and suggestions will be submitted to a committee. The Committee will inform the officers regarding any actions to be taken. However, the entire Board of Directors will discuss and vote on all issues which require a vote.

DALLAS (ARLINGTON) TEXAS CONVENTION The "Republic of Texas" chapter is working very hard to see that our June 7,8,9, 1991 convention is a big success. We have a special room within Ham-Com, lots of room for Chapter tables, Paper chasing, flea market, side trips, and our own FORUMS and Banquet. Chairman is Ray Moyer WD8JKV, Co-Chairman is Tom Gilbreath, WD5BFO. Registration will be through HAM-COM. More information will come later. Registration will be \$8.00 each plus \$1.00 for 10-10 registration. More info. can be found elsewhere in this "News". The 1991 Board meeting will be held at the Convention.

28.380 MHz MONDAY NET

The Board feels rather strongly that the Official 10-10 Net which is held daily on 28.800 does not serve the membership restricted below 28.500.

Beginning JANUARY 1991 there will be a Monday 10-10 net on **28.380 MHz**. Net Control will be Dusty, K6MPN in the San Francisco area. Please check in.

INFO PACKET FOR NEW MEMBERS.

Chuck, W6YLJ put together a very nice booklet which the area Managers will be sending out to all new members, they will be available early 1991. This will standardize what material each Manager mails to our new members. If you want a copy send a BUCK (\$1.00) to W6YLJ. The printing cost us \$.58 each and the postage will be \$.45.

SCHOLARSHIPS

10-10 International, funds scholarship awards. Please see **PAGE 29**. AS ALWAYS I WOULD LIKE TO REMIND YOU THAT FUNDS ARE NEEDED. SEND DONATIONS TO THE SCHOLARSHIP FUND, see page 31.

DAYTON 1991

Marge Sect. of 10-10 has located a NEW motel in the DAYTON area. We reserved and guaranteed a block of rooms for April 26 and 27th. Rates are from 27 to 38 dollars depending on the accommodation. Motel will accept Credit Cards or money only, no personal checks. Marge is also arranging a dinner meeting for 10-10 at a hall there in Dayton. Dinner is \$11.50 ea. Please send a check to Marge. Also contact Marge for ROOM Reservations: BOX 145, Clayton, OH 45315. Deadline for room is April 1, rooms are first come basis. Please remember the Dayton get together is not a 10-10 official function. It is a get together for a great bunch of 10-10 ers.

NEW: 10-10 COUNTIES AWARD

We have another new Award for all 10-10, members. "10-10 Counties Award" Thanks to Chuck, W6YLJ. Alice Jenkins, NR4R, volunteered to Manage the award. The Certificate is now being designed. A 10-10 County Hunters Record Book is ready to be printed. More details can be found elsewhere in this issue.

SOON: OM XYL AWARD

I understand that our Director, N8CBE Elaine, is working on the rules, etc., for an Official OM-XYL AWARD.

Morrie, W6EHM, and Jim, W6PGM outgoing Directors, were requested by the Board of Directors, to continue to help 10-10 within their expertise. They both responded affirmatively Morrie, W6EHM will be our connection with F.A.R. and the membership with reference to the annual 10-10 scholarships. Jim, W6PGM will continue to gather information and stay on as Historian.

Gerry, led a discussion regarding the upcoming WARC meeting. We all agreed that Amateur Radio is more than just 10 meters. ARRL is representing us and Amateur Radio in general and the U.S.A. amateur community in particular. Our interests are the same. Therefore the board voted to make a donation to the ARRL WARC-92 fund.

Mail:

I have received many pieces of mail congratulating me on being elected as

your President. I thank you all for the good wishes. I especially want to thank Mel, KD5DE, who ran against me for President. His letter and offer to aid me and 10-10 in any way possible was appreciated.

After the Board meeting some misinformation was passed by a Director. It seems that the withdrawal of a motion was not remembered. He Director really thought that item # 14 was passed. Well, word went out like you would not believe. The issuance of TWO numbers to one station call has been a sore point for a while. Previous President Howard Bowman, W6QIR addressed the problem in his NEWS FROM THE DIRECTORS column. See the 10-10 NEWS, Winter 1984 edition. He said that 10-10 simply does not honor such (c/s) applications. It seems that several Area Managers not having received a specific order to stop, went on and issued 2nd numbers to some calls with suffix club station (c/s). If anyone has anything from Howard that said differently I would like a copy of it. It's a real records problem as well as, I believe, an ego booster for someone having 2 numbers with one call, (I only have 1 #). The question Gerry posed at the meeting was whether there was any compelling reason for someone to need a 2nd number. Also, a scan of the records, indicates that there are only 76 Calls holding 2 numbers. Of the 76 about 50 are errors such as K7YY is listed with both 6969 and 29007, a check shows that K7YY ex WA7NUY holds 6969 but 29007 should be WB7OGT, W6LT (SK) is listed with both 6418 and 13358 a check shows that 6418 should be K6YE. These will be corrected. The other 20 or so seem to be intentional 2nd number issue's. A committee of new Board members will be asked to approve direct communications with all double number CALLS to find out exactly what the second number is being used for. The Board will then discuss and decide whether any action is needed. I would like to know how the General population of members feel about this. Is it OK for one call to have 2 numbers? Maybe you don't care? Should they be Grandfathered or revoked? A postcard would be enough.

10-10 International Net, Inc. Board Meeting
October 20, 1990, Long Beach, California

Board Meeting Minutes

1. The Board Meeting of 10-10 International Net, Inc. was convened on October 20, 1990 in Long Beach, California at 0900 hours. A minute of silence was observed in recognition of those 10-10 members who had become silent keys.

2. In attendance were six of the seven members of the Board of Directors. (President Norm Lefcourt, W6IRT; Vice President Morrie Goldman, W6EHN; Secretary Don Hirst, W6AGP; Treasurer Gerry Gross, WA6POZ; and Directors Hugh Sullivan, WA4QZU; and Jim Michaels, W6PGM.) Director Jim Beswick, W4YHF, was unable to attend because he had injured his back. Several local 10-10 members were also present.

3. Discussion of the net frequency of 28.8 MHz: Many licensee's are restricted to operations in the 28.3 to 28.5 MHz range. What considerations are being given to the ability of these people to check in to 10-10 nets? Jim, W6PGM, reviewed nets that meet in the 28.3 to 28.5 MHz range and there are numerous nets to check in to and to qualify for 10-10 membership. It was noted that there was a net held for several years at 28.350. We do have an alternate net on Mondays at 28.775. Perhaps we should have an alternate net one day per week in the 28.3 to 28.5 frequency range. Norm, W6IRT, recommended we change our alternate Monday net from 28.775 MHz to 28.385 at 1800Z.

MOTION: That W6OI be authorized for use at 28.8 MHz, 28.775 and 28.380. (Motion by Morrie, W6EHN, and seconded by Hugh, WA4QZU.) Motion passed unanimously.

MOTION: That the 10-10 alternate Monday net be conducted on 28.380 MHz rather than at 28.775, at 1800Z. That Sherm Sherman, K6PTE, International Net Manager, be notified of the Board's decision and that Lovergne, KD6JC or Dusty, K6MPN be net control on the new frequency.

4. Report by Chuck Insande, W6YLJ:

A. There is a monthly 10-10 column written by Chuck in World Radio News. Chuck has been given total freedom in writing these columns and 10-10 has received a great deal of favorable publicity as a result. It was recommended that a 10-10 letter of appreciation be sent to the owner of World Radio News from the President of 10-10. Chuck and Norm will prepare the letter of thanks.

B. A public relations brochure "10-10 Information Manual" was reviewed by the Board. Approval to have Chuck update this manual was granted.

C. Awards Program:

(1) The Worked all Continents (WAC) 10-10 award program is going well, with about 300 certificates awarded to date.

(2) A 10-10 County Hunters Award was proposed and recommended as an official 10-10 award. It was recommended that it operate like the bar award program, with a bar for every 100 stations worked not confirmed that seals be issued for each 100, numbered 100, 200, 300, etc. The Chattanooga Choo Choo Chapter already has some type of county hunters chapter award, it was requested that Hugh Sullivan contact the Chattanooga Choo Choo Chapter about the possibility of them administering this new 10-10 county hunters award. Hugh agreed to do this.

(3) Hugh Sullivan suggested a "Worked All 10 US Call Areas Award".

(4) An "ON-XYL Award" was discussed and the Board felt favorably inclined towards this. It will be approved when rules are written and approved by the Board. This should be done as soon as possible. Elaine Nickoloff will be asked to take the action to accomplish this.

5. Report by Gerry Gross, WA6POZ:

The Treasurer reported that no dues increase will be needed for the upcoming year, 1991. Three pages of financial data were presented to the Board members and discussed.

MOTION: That we accept the Financial Report as presented. (Motion by Jim Michaels and seconded by Hugh Sullivan.) Motion approved unanimously.

C. Gerry indicated a need to have the commercial magnetic tape of 10-10 data transferred to floppies, for his analysis. He estimated this could cost up to \$1,000.00 to have a specialty equipped company with the appropriate equipment handle this. The Board felt favorably disposed to approve this action.

MOTION: That Gerry Gross be authorized to obtain the services of a computer specialist company to transfer and convert the 10-10 International Net data base from a 2400 foot magnetic tape to 1.2 megabyte "floppy" disks, for data base analysis and other purposes, for a cost not to exceed \$1,000. (Motion by Morrie Goldman seconded by Hugh Sullivan.) Motion approved unanimously

D. There was a discussion about providing Lee Pasewalk, WB6HGM, Records Manager, with a computer system so the 10-10 records could be handled on this computer system.

MOTION: That the Board appoint a committee (Norm Lefcourt and Morrie Goldman) to approach Lee Pasewalk with a proposal to have him accept a 10-10 computer system, of value up to \$2,500, for use in maintaining the records for 10-10 International Net. (Motion by Gerry Gross, seconded by Jim Michaels.) Approved by unanimous vote.

6. There was a discussion on the need for new Rosters. It was indicated by Norm Lefcourt that this will be an item of discussion by a new committee. No action taken

7. There was some discussion of the 10-10 Certificate Guide. No action was taken.

8. Name Badges: The need for 10-10 Name Badges for Officers and Directors was discussed.

MOTION: That 10-10 International Net Inc. authorize the purchase of name badges to be provided to officers, directors and managers at 10-10 expense. (Motion by Jim Michaels, seconded by Gerry Gross.) Approved by unanimous vote.

9. Report by Hugh Sullivan (as Chapter Coordinator):

A. 10-10 International Net currently has about 150 10-10 active Chapters (including three new chapters).

B. Hugh indicated he had created a sheet with an explanation of 10-10 International, chapters and their purposes, the rules for chapters, and an application for submission to authorize creation of a new chapter. Each inquiry concerning creation of a new Chapter that is sent to Hugh as Chapter Coordinator, is sent one of these new packages of information.

C. Hugh noted that there is a requirement for each Chapter to submit at least one quarterly report each year.

D. Hugh Sullivan will remain as Chapter Coordinator in 1991 and onward, after he becomes Vice President of 10-10 International Net.

10. Norm Lefcourt requested that Morrie Goldman continue to hold the responsibility as head of the 10-10 Scholarship Program, under the Finance Committee. Morrie agreed to continue in this assignment. Also, Jim Michaels W6PGM was asked to continue as 10-10 Historian. Jim agreed to stay on.

11. Discussion of information mailed to new 10-10 members: It was discussed whether to continue to mail the most recent 10-10 News to all new members, as some Area Managers have been doing. MOTION: That all new 10-10 Members be sent one of the new Information packets in the future, Not a past issue of 10-10 News. (Motion by Hugh Sullivan, seconded by Jim Michaels.) Motion was approved unanimously.

12. Norm Lefcourt informed the board that he had been sending out (by first class mail) a copy of the 10-10 News,

to all Officers, Directors and those listed on page #2 of the 10-10 News. This was to insure they received the latest information without having to wait for the 10-10 News to come by bulk mail. Everyone felt this was an excellent idea.

Note: After a break for lunch, the meeting reconvened at 1:40 PM.

13. Lucky 13 Award: It was stated that the Lucky 13 Award is only given for contacts with VP Award holders on each 100 KHz from 28.5 to 29.2 MHz.

14. Discussion of issuing dual 10-10 numbers to the same station: A motion was made by Gerry to kill club station numbers for c/s. There was no second. The motion was withdrawn. After much discussion it was agreed that the Area Managers would be notified not to issue any additional dual 10-10 numbers while this whole matter will be investigated by a new committee to determine if there is a compelling reason for having dual numbers.

15. Norm indicated that he is investigating the feasibility of a Voice Mail System with a 800 phone number to receive and send messages between Officers, Directors, Area Managers, etc.

16. Discussion of Committee Chairmanships and assignments:

MOTION: by Jim Michaels and seconded by Gerry Gross That the Committee Chairman and Committee Vice Chairman assignments be made by the President and Vice President, and be approved by the Board. That the President and Vice President of 10-10 International Net be "ex-officio" members of all Committees that are established. Approved by unanimous vote. That initially all Committee assignments be made by the Board of Directors. Approved by unanimous vote.

17. MOTION: That we adopt the proposed Committee structure as outlined.

(See attachment listing committees and their functions.) (Motion made by Hugh Sullivan, seconded by Morrie Goldman) This motion was approved unanimously.

MOTION: That Committee Chairman and Vice Chairman assignments be made based on the votes received in the election for Board of Directors. (Motion by Hugh Sullivan and seconded by Morrie Goldman.) Motion was passed unanimously.

18. There was a discussion of official 10-10 representation at fairs (such as Dayton Hamvention) and other Conventions. This was deferred for discussion by the new Operations Committee.

19. There was a discussion of the deadlines established for publication of the 10-10 News. This discussion brought to light many factors, some of which are beyond our control, that result in the deadlines as currently established.

20. There was a general discussion of cross-band contacts and a decision was made by the Board that no 10-10 contact credit can be given for any cross-band contacts of any kind.

21. There was some discussion of the importance of the WARC-92 and a motion made to provide some 10-10 monetary support.

MOTION: That 10-10 International Net make a donation in the amount of \$1,000.00 to the ARRL WARC-92 Fund. (Motion made by Gerry Gross and seconded by Jim Michaels.) Motion was passed unanimously.

22. Having covered all the business on the agenda and other matters as brought before the Board, the meeting was adjourned at 3:32 PM.

Respectfully yours,

Col. Donald L. Hirst, Secretary.
10-10 International Net, Inc.

REFERENCE Minutes: ITEM # 17 COMMITTEES:

1. **Planning Committee:** Will communicate with members and chapters to plan each years Directors meeting. Plan for the Biennial 10-10 Convention, seek out convention city and chapter volunteer. Consult with the Treasurer. Check 10-10 policies, infractions and Bylaws excluding membership. Suggest adjustments in rules, report to Board.

2. **Membership Committee:** Will seek from members, etc., improvements and or changes in membership rules pertaining to the Bylaws. Set up most efficient and uniform procedures for Area Manager duties. Define area manager duties. Interface with Area, Records, Silent Key and Supply Managers. Report to Board.

3. **Finance, Committee:** Help Treasurer with budget and dues forecasting. Oversee pricing of awards, etc. Contact chapters and members to help promote scholarship donations. Interface with scholarship manager. Also, promote Estate, Trust and Will beneficiary donations for and to 10-10. Specific contact with Life members. Report to Board.

4. **Operations Committee:** Help set rules with variations to promote increased participation. Seek nominating and vote counting Committees for the 10-10 Biennial elections. Work directly with 10-10 Contest, Awards managers. Also, the Net and Chapter Coordinator to help increase member enjoyment and participation. Specific liaison between chapter and member in attempt to increase on air contacts and suggest possible ways to simplify paperwork, if appropriate. Report to Board.

5. **Communications Committee:** Consult with members, Public Relations Manager and News Editor, to increase 10-10's public and amateur radio exposure at conventions, fairs, etc. Investigate the possibility of paid advertising in the 10-10 News. Peruse Official and proposed 10-10 publications, suggest and submit changes. Report to Board.

RUN DATE: 09/22/90
RUN TIME: 10:54 AM

10-10 Internat'l Net Inc

Balance Sheet
AS OF 09/30/90

ASSETS

CURRENT ASSETS

Checking 112-900662-1	9,208.46
Savings 112-013929-8	58,891.09
Savings 112-013930-6	33,670.37
Checking 5069276-3	21,225.79
Savings 50719251	25,288.08
Scholarship 112-019555-5	0.00-
Community Bank	10,000.00

Total Current Assets	158,283.79
----------------------	------------

OTHER ASSETS

Petty Cash	2,165.92
------------	----------

Total Other Assets	2,165.92
--------------------	----------

TOTAL ASSETS	160,449.71
--------------	------------

LIABILITIES

Retained Earnings	154,351.76
Current Earnings	6,097.95

TOTAL LIABILITIES	160,449.71
-------------------	------------

RUN DATE: 09/22/90
RUN TIME: 10:55 AM

10-10 Internat'l Net Inc
Income Statement
AS OF 09/30/90

PAGE 1

RATIO: INCOME	THIS PERIOD	RATIO	2 PERIODS	RATIO
INCOME				
Dues	10,089.40	79.7	22,143.12	75.9
Life Dues	1,701.50	13.4	4,839.00	16.6
Rosters	397.00	3.1	721.00	2.5
Stamps	116.50	0.9	262.00	0.9
Donations	78.00	0.6	495.33	1.7
Misc Incm	282.85	2.2	729.65	2.5
Net Income	12,665.25	100.0	29,190.10	100.0

EXPENSES

OPERATING EXPENSES

Printing - 10-10 NEWS	2,070.01	16.3	2,186.79	7.5
Printing - Supplies	0.00	0.0	1,175.24	4.0
Printing - Elections	0.00	0.0	1,435.80	4.9
Postage - 10-10 NEWS	3,550.19	28.0	3,153.63	10.8
Postage - Elections	937.65	7.4	4,187.65	14.3
Mailing Services	0.00	0.0	702.87	2.4
Data Processing Service	1,033.33	8.2	5,361.17	18.4
Bank Service Charges	3.00	0.0	9.00	0.0
Returned Checks	4.00	0.0	14.00	0.0
Calif Franchise Tax Fees	10.00	0.1	10.00	0.0
Scholarship Expenses	1,500.00	11.8	1,500.00	5.1
Convention Expenses	1,000.00	7.9	1,000.00	3.4
Miscellaneous Expense	0.00	0.0	822.38	2.8
TOTAL OPERATING EXPENSES	10,102.18	79.8	21,540.53	73.8

AREA MANAGERS EXPENSE

Postage	1,050.72	8.3	2,414.78	8.3
Supplies	75.61	0.6	229.51	0.8
Telephone	45.93	0.4	120.25	0.4
Copies	5.25	0.0	15.25	0.1
Misc	1.50	0.0	13.50	0.0
Total Area Managers Exp	1,179.01	9.3	2,793.29	9.6

OFFICERS & DIRECTORS

Postage	92.99	0.7	212.12	0.7
Supplies	20.98	0.2	104.58	0.4
Telephone	147.89	1.2	367.48	1.3
Copies	0.00	0.0	6.76	0.0
Misc	52.25	0.4	247.48	0.8
Total Officers & Directors	314.11	2.5	938.42	3.2

AWARDS & CONTEST EXPENSES

Postage	192.05	1.5	462.94	1.6
Supplies	306.79	2.4	434.26	1.5
Telephone	0.00	0.0	20.79	0.1
Total Awards & Contests	498.84	3.9	917.99	3.1

RUN DATE: 09/22/90
RUN TIME: 10:55 AM

10-10 Internat'l Net Inc
Income Statement
AS OF 09/30/90

PAGE 2

RATIO: INCOME	THIS PERIOD	RATIO	2 PERIODS	RATIO
NEWS & RECORDS MGR EXP				
Postage	294.87	2.3	522.45	1.8
Supplies	153.44	1.2	399.18	1.4
Telephone	87.90	0.7	374.43	1.3
Copies	80.25	0.6	96.57	0.3
Misc	12.00	0.1	74.27	0.3
Total New & Records Mgrs	628.46	5.0	1,466.90	5.0

OTHER MANAGERS EXPENSES

Postage	256.45	2.0	605.83	2.1
Supplies	72.50	0.6	169.54	0.6
Telephone	38.75	0.3	247.09	0.8
Copies	0.00	0.0	14.26	0.0
Total Other Managers	367.70	2.9	1,036.72	3.6
Total Expenses	13,090.30	103.4	28,693.85	98.3

(Net Operating Income)

	425.05	3.4	496.25	1.7
--	--------	-----	--------	-----

OTHER INCOME

Interest Income	2,790.65	22.0	5,601.70	19.2
Total Other Income	2,790.65	22.0	5,601.70	19.2

OTHER EXPENSES

Total Other Expenses	0.00	0.0	0.00	0.0
Net Income	2,365.60	18.7	6,097.95	20.9

10-10 INTERNATIONAL NET QSO PARTIES

CONTEST MANAGER: HARRY SYRING, WB1FTQ, #23934
37 Bradford Dr. Windsor, CT 06095

10-10 QSO Parties are open to all amateurs, but only paid-up members are eligible for awards and chapter assignment of scores. They are conducted to encourage 10 meter operation and interest in the Net. Non-members may use numbers collected to qualify for membership; members may use them for awards.

RULES:

1. PHONE. Contacts must be in the Ten meter Phone band, on SSB, AM, or FM.
CW. Contacts must be in the Ten meter band on CW or RTTY.
2. Exchange: Callsign, name, state, and 10-10 number.
3. A station may be counted only once.
4. Single operator stations only are acceptable.
5. All contacts must take place within the 48 hour contest period.
6. Logs must be kept in Universal Coordinated Time.
7. A DUPE SHEET IS REQUIRED OF ALL PARTICIPANTS. Computer duping is OK. SASE to me for dupe sheet sample.
8. Chapter assignment of scores may be made only by a paid-up member belonging to that chapter as a local member and able to work its Net via groundwave from the contest station.
9. Illegible or improperly submitted logs will be rejected. See below for log requirements.
10. Failure to comply with these rules or their intent may result in disqualification.
11. SCORING: Two points per contact WITH a 10-10 number exchange; One point per contact WITHOUT a 10-10 number exchange.

AWARDS: First Place certificate to each U.S. Call Area (Area 7 includes KL7); also Canada, South America, Central America, Caribbean (incl. Bermuda), Europe, Africa, Asia, and the Pacific (incl. Australia, New Zealand, KH6, and all Pacific islands). Also top ten finishers in the contest overall will receive a certificate. Paid-up individual and chapter scores are listed in the NEWS.

LOGS: Logs are accepted from 10-10 members only, and must be complete, legible, and in UTC. Each line entry must show Callsign, time, state, name, and 10-10 number, if any. A cover sheet is required showing your name, callsign, QTH, 10-10 number, membership expiration date, chapter assignment, if any, total contacts and total points. A cover sheet may be found on the back cover of the NEWS. A DUPE SHEET MUST ACCOMPANY ALL LOGS.

NEXT PHONE CONTEST S U M M E R 1991

STARTS: 0000Z August 3, 1991
ENDS: 2400Z August 4, 1991

SEND LOGS POSTMARKED NO LATER THAN
SEPTEMBER 1, 1991 TO:

COLUMBINE YL CHAPTER
C/O JUDY LONG WDØDDH
2681 ASTER STREET
PUEBLO, CO 81005

NEXT CW CONTEST S P R I N G 1991

STARTS: 0000Z May 4, 1991
ENDS: 2400Z May 5, 1991

SEND LOGS POSTMARKED NO LATER THAN
JUNE 1, 1991 TO:

SAMUEL CLEMENS CHAPTER
C/O WALT DIMMOCK, N1FNV
614 OLD POST ROAD
TOLLAND, CT 06084

SINGLE OP, PAID-UP CLUB STATIONS OPERATED BY A PAID-UP MEMBER ALSO SUBMITTING A LOG FOR HIS OR HER OWN CALL ARE ACCEPTABLE ENTRIES FOR THESE CONTESTS.

CHAPTER COORDINATORS DESK.....
by Hugh WA4QZU

NO LONGER AFFILIATED.....(1) Tulip Chapter for failure to file reports while on probation for failure to file reports.....(2) For failure to file quarterly reports for more than one year: Mad Swingers, Nor'easter, North Star 49ers, QRP, Scarborough Bluff, Thunderbird and War Eagle..... I understand there are two reasons why we lose Chapters this way: (1) people don't read the quarterly NEWS (2) I monitor the system.

REAFFILIATED.....Iowa Hawkeyes and Palmetto (Doin' the Charleston) are reaffiliated on probation - have the nets and file the next two QRS.

IN EXTREMIS.....Unless a quarterly report is filed by 5 March the following Chapters will lose their 10-10 affiliation: Blue & Gray, Fresno, Lancastrian, Michigan Water Wonderland, Normandy Beaches, Otago 45 South, Pendle Witch, and Peninsula Southwest. Reminder: Laurel Mancunium promised verbally to file.

QRT.....Cathy (KA4UEM) wrote on 16 Nov to say the Paper Dolls is QRT and to thank everyone for their support over the years. This was a trend-setting Chapter that will be missed. Bravo Zulu to you.

ACTIVE CHAPTERS.....A list of affiliated 10-10 Chapters, according to my records, is printed in this issue. Check this out and report differences - please!

OOPS.....Reno upgrades that I left out last quarter: Arizona Sunset, Branding Iron, Dancing Dolls, Queens & Kings and Texas Longhorn. Sorry about that! No one climbed my frame so maybe you don't read the column!

QUESTIONS AND ANSWERS.....Does contact by an amateur on 6 meters linked to 10 meters through a 2 meter repeater qualify as a 10 meter ct? The Board officially and ARRL unofficially says that communications from both 6 and 10 meters were with a 2 meter repeater, therefore, there was no qualifying 10 meter exchange.

PROBLEM AND PARTIAL SOLUTION.....The problem is that everyone doesn't get the word timely (specials, upgrades, etc.); My deadlines are 3/15, 6/15, 9/15 and 12/15 (to the Editor) for publication abt 4-6 wks later. If you are 1 day late, the publish date is 3 mos + 4-6 wks later. (When u receive the News is another problem) WAYHF publishes a monthly update to his Guide. Both of us need to be notified of changes so, why not send Jim "xerox ready" copies of info. Even tho it may be combined with other info on the same page, it will save Jim a lot of interpretation and a few typos! Tnx WA6ZPX.

HOW'S PROPAGATION?.....F6EAK Dr. Marcel (CH of Lake Geneva) talked to France with 10 watts on a 10m dipole while in the US... Stark Co. Mutual Aid Net averaged 71+ checkins per net last qtr and they don't offer a cert

GMT - again?.....Tnx (?) to Dave, VK6ATE, for the World Time conv chrt. Going across AUS, one changes local time by 45 min, then 45 min, then 30 min. All areas except VK6 observe DST at the same time we go back to Standard Time. I wasn't ready for this 'cause I still have trouble with the days. And looking at the QRS tells me I am not the only one.

POT POURRI.....Club Service - Castle Craig pre-sorted QSLs at a monthly meeting for 1st Call Area Incoming Bureau...Many Chapters are reporting on the effectiveness of periodic meetings with programs of mutual interest...Several Chapters informally shift below 28.500MHz after (or during) their regular net and are pleased with increased participation...Cliff Dweller applications are still honored (K0WTX) although Chapter no longer advertises...Informal backscatter net on 28.425MHz every Sat except 1st by Chatt Choo Choo...

WHAT'S NEW?.....
COUNTY HUNTERS AWARD - Announcement and details of the new 10-10 award are in this issue. The race to Numero Uno begins!

ALL AMERICAN CITY - net switches to 28400MHz

APPALACHIAN MOUNTAIN (KB8JEB) - eff 30 Sep - 28.400 0200z 0300Z, Fri - cert for ct with 4 Cs for skywave check-ins and 2 checkins per mo for 3 mos for others - approx cost = .75/.80 (cert currently requires net check-in)

COLORADO CENTENNIAL (N0CKW) - Contact the "Centurian" each month and report for +50 - Simultaneous nets now on 28.340 and 28.840 to accomodate all license classes and opinions

CRADLE OF LIBERTY - LIBERTY BELL (N3CHL) - req for basic and upgrade reduced to 150 pts, 1st 10 Liberty Bell cts now +10 ea - reg net now lasts 30 min and shifts to 28.425

CRATER LAKE - Cert Mgrs are KA7ARC and KA7WIM - not K7TDX

DRUID CITY/BROKEN HEART (K4CIH) - Impromptu net on 25.580 at 1500z daily during winter only - reg net Fri 28.583 0000z 0100z

FORT MCHENRY (KA3SZR) - new up cert eff 1 Jan, Cornerstone, ct C mbr or write CM w/sase for details - Yoder Kritch net combined w/ Ft McH - Sun net chg to 28.840 1200z 1300z - Wed net chg to 2300z 2359z

IOWA HAWKEYES (N0HJQ) - new upgrade, NT7C(SK), to honor a paper chaser, cts retro and multiple prefixes(px) can be used for changed callsigns, 25 pts for ea 25 px thru 125 then 5 pts for ea 5 px, ALL PX must be submitted ea time not just new ones, must submit: PX IN ALPHABETICAL ORDER, call, IH# and proof of paid dues (question: if the calls are in alpha order, why is px needed?)

IOWA RIVER VALLEY (N0KQC) - Collect IDAR (I didn't attend Reno) #s for 2 pts ea

METRO (WB2SJQ) - new mobile ct upgrade, no details

MICHIANA (KA8RWL) - Dick is new CM and will get backlog out ASAP

NIANTIC BAY (KC1CP) - all +5/20 SEAL programs (Bay, S'port, Reno and WAS) are QRT due to members failing to follow procedures, plans specials to replace - after 200,000 pts upgrades are +1/500

OCEAN STATE (K1QFD for pt ups) - eff 1May-31Dec 1991 in 3 parts - spell "Happy 13th Anniversary Ocean State Chapter" using only 1 letter from suffix of various OS mbrs - Wk 15 OS mbrs whose basic # adds to 13 - Find OS# 1010 - SASE to KALEOL for details

RIVER CITY (WB6NYM) - net chg to 1700z 1800z

SAMUEL CLEMENS (N1FNV) - eff 1 Feb no pts for 1st 4 seals - WAS eff 1 Mar, max of 5 WC (C or CL) - Special 1 Mar-31 Mar +1/300pts, send separate sheet postmarked no later than 30 Apr

SANTA FE TRAIL (KB0ON) - net change to Monday at 2359z

SKIPJACK (PO Box) - Freq change to 28.525.5

SMOKY HILL TRAIL (N0HVI) - Use WCs on WAS for VT, NH, WV, WY - upgrade on OLE TROOPER shud read 130 vice 30 pts - Wk SHT 1st sts in ME, FL, CA & WA (four corners) = +40

TEACHER'S PET (KB8CHA) - Dayton Kitties are worth +1 ea

TWENTY EIGHT (VK6ATE) - after 1000 pts. (Pennant) get +1pt for QSO with each 10 Chapter Mbrs., cost = 1US and send list of cts., list of 300 Chap. Mbrs. is available - Royal Flying Doctor award can be earned annually between 8 Feb and 2 Aug, diff. cert ea. yr., available to any amateur or SWL but must be heard or worked on 10 meters, use call sign prefixes to spell "Royal Flying Doctor Service", signs may only be used once per yr., cost = 5US from which return postage will be deducted and balance sent to RFDS, more may be donated and receipt is available on request

VK4 GOLD COAST (VK4ZM) - new CM Peter Shane, 64 Rickston St, Manly West, QLD 4179, Australia

Listed below are the currently affiliated 10-10 Chapters per my records. Don't throw anything away yet - wait 'til next issue!

Aftershock
Air Capital
Alaskan Iditarod
All American City
ALIIS, The
American Eagle
Anthracite Breaker
Appalachian Mountain
Arizona Sunset
Baby Doll
Battle Road
Bauxite
Bay Area
Beaver Valley
Berlin Bears
Billy The Kid
Blackhawk Valley
Blue & Gray
Bluebonnet
Boontown
Borinage
Branding Iron
Breakwater
Brooklyn Bridge
C. A. T. T.
Castle Craig
Chatt Choo Choo
Chief Anderson
Chief Killbuck
City of Lights
City of Melbourne
City of Roses
Cliff Dwellers
Colorado Big Horn
Colorado Centennial
Columbine YL
Cowntown
Cradle of Liberty
Crater Lake
Crazy '8'
Crossroads Vil/Lid
Cypress
Dallas Cowboys
Delaware Valley
Devil's Triangle
Diamond State
Doll Chasers
Down Under
Druid City/Brkn Hrt
E. A. T. T.
Egyptian Radio Club
Electric City

Erie Extension Canal
Fort McHenry
Fresno
Gateway
Golden Bear
Golden Spike
Great Lakes
Great Smoky Mountain
Grinning Armadillo
Harborites
Hudson Valley
Imperial Dragon
Iowa Hawkeye
Iowa River Valley
Johnny Canuck
Kangaroo Kourt
Keystone
L. I. A. R. S./Metro
Lake Geneva
Lancastrian
Land 'O' Lincoln
Land of Legend
Laurel Mancunium
Lilac City
Lindbergh
Lone Star
Maine-iacs
Mardi Gras
Mason Dixon
Michiana
Michigan Robins
Milwaukee
Minuteman
MO-KAN Tenners
Mohawk Valley
Mont Ventoux
MS Gulfcoast Lghths
Music City U. S. A.
N. I. T. T.
Niantic Bay
Normandy Beaches
North Star
Nutmeg
Ocean State
Okie Relays
Old Dominion
Orange Juice
Otago 45 South
Outlaws on 10
Palmetto(Chrlestrn)
Parrot
Pendle Witch
Peninsula So West
Phoenix Valley
Possum Trot
Prince of Pork
Qns & Knsg/D Doll
Red Rvr V (S'boat)
Republic of Texas
Rhone Alpes

River City
Samuel Clemens
Santa Fe Trail
Senator Dirksen
Shot (Houston)
Silver St (No. NV)
Sir Walter Raleigh
Skipjack
Sky Blue Waters
Smoky Hill Trail
So TX Lt Horse Brgd
Stark Co Mutual Aid
Starlite
Steel City
Suncoast
Tango
Teachers Pet
Ten Bar X
Texas Longhorn
Trotters & Pacers
Twenty Eight
Twin Tiers/Chenango
VK4 Gold Coast
White Hse/Ydr Krtch
Wind Point Lighthse
Wiregrass Pnut Pkrs
Wind Farms
Zodiac

LATE NEWS:

Dave Buschow, WD4NPG, 10-10 area Manager for Florida and Puerto Rico, is in poor health and in the midst of moving. He requested we relieve him of the work load. Dave is one of our very valuable Volunteers. He will remain on as: Area Manager Consultant to the other managers if needed.

We have reassigned the Florida area to Rick, W4KCC this is in addition to his Kentucky and Tenn areas. Puerto Rico was assigned to Jim, W4YHF in addition to his Georgia and Alabama areas. Thank you both for accepting this added work.

Their addresses are listed on page 31.

Norm, W6IRT

FALL 1990 CW QSO PARTY RESULTS

OCTOBER 27-28, 1990

TOP TEN

#	CALL	Q's	#PTS
1	AA7FK	161	280
2	W6TH	135	233
3	WV5K	136	230
4	KF7JF	121	222
5	KU4W	134	212
6	AA6EW	125	208
7	K7QXG	119	203
8	N0BZM	134	198
9	KF5VF	126	195
10	ON7YO	146	189

DISTRICT LEADERS

AREA	CALL	Q's	#PTS
1	KA1GWQ	51	95
2	AA2AV	52	82
3	NO3N	83	140
4	KU4W	134	212
5	WV5K	136	230
6	W6TH	135	233
7	AA7FK	161	280
8	W8JSM	66	110
9	KC9OZ	46	76
0	N0GZM	134	198
DX	ON7YO	146	189

DX RESULTS

CALL	Q's	PTS
ON7YO	146	189
F6IRG	121	167
VA9OA	121	132
VK3YU	41	73
HA8EN	40	67
Y26DO	31	49
JA1QGT	22	33
VK6PP	18	33
DF5VT	14	26
HB9RE	11	22
HB9Z	8	16

AREA #1

CALL	Q's	PTS
KA1GWQ	51	95

AREA #2

CALL	Q's	PTS
AA2AV	52	82
W2KRK	35	67
K2AAZ	31	43

AREA #3

CALL	Q's	PTS
NO3N	83	140
KA3VND	74	124
WB3M	18	36
W4KM	15	27
N3CZB	14	27

AREA #4

CALL	Q's	PTS
KU4W	134	212
N4PHX	92	154
KJ4RV	85	141
N4GYX	76	128
K4QFK	69	125
N4ERM	67	115
KC4JVV	48	88
K4MN	44	82
WV4Y	49	72
KB4WC	41	68
K4HYM	33	61
WB7OND	26	52
N4EWG	28	50
AA4PR	30	46
KB4UQM	25	45
W4WKQ	29	43
KA4YIP	27	43
N4DTB	18	36
N4ZCG	17	32

KC4JAN	14	26
KB4WIN	11	22
N4LBB	11	21
NK0S	10	20

AREA #5

CALL	Q's	PTS
WV5K	136	230
KF5VF	126	195
WA5RNV	51	95
WM5Q	32	58
W5SRQ	30	56
W5EIJ	31	54
KF5UN	25	46
AA5GX	25	44
N5NYV	23	41
AA5LF	14	28
AA5FK	12	24
W5SUV	12	23
AA5KN	3	6

AREA #6

CALL	Q's	PTS
W6TH	135	233
AA6EW	125	208
WB6MSE	113	178
WA5GUL	95	171
WA6YAB	42	78
WA6VLS	32	57

AREA #7

CALL	Q's	PTS
AA7FK	161	280
KF7JF	121	222
K7QXG	119	203
N7AAL	65	122
N7RV	59	103
KO7B	26	50
KA7EXP	7	13
N7JPF	3	6
KB7EQY	2	4

KB7EWQ 2 4
KB7EWP 1 2

AREA #9

AREA #0

AREA #8

CALL	Q's	PTS
W8JSM	66	110
W8PJY	59	92
N8MEY	5	9
AA8CH	2	4

CALL	Q's	PTS
KC9OZ	46	76
ND9Y	36	60
W9WYN	24	45
WI9S	20	40
W9HOT	25	39
AD9K	20	38
KB9AMG	8	16

CALL	Q's	PTS
N0GZM	134	198
N0DBG	35	70
WB0RHR	37	61
N0IZZ	29	53
W0RTV	21	38
W0IZV	15	29
W0EI	14	27
N0LYN	13	22

CHAPTER STANDINGS

CHAPTER	LOGS	PTS
Possum Trot	19	1479
City of Roses	3	533
Billy the Kid	6	368
Mo-Kan	3	312
Ft. McHenry	3	291
Houston SHOT	2	258
CATT	3	211
Wind Farm	1	208
Borinage	1	189
Rhone-Alps	1	167
Suncoast	3	160
Harborites	6	151
Steel City	2	105
Republic of Texas	2	102
Sky Blue Waters	2	97

Blue Bonnet	1	95
City of Lights	2	78
Fresno	1	78
City of Melbourne	1	73
Trotters & Pacers	1	67
Golden Bear	1	57
Bauxite	1	54
Berlin Bear	1	49
Brooklyn Bridge	1	43
Zurich	2	38
Gateway	1	38
Crazy 8's	1	36
Germany	1	26
Iowa Hawkeyes	1	22

A big thanks to all those who participated in the Fall CW QSO Party. We had a better turn out this time, and according to Steve, N7AAL, who counted all the results, 100% of you observed all the rules and sent the required information. There were no disqualifications this time due to late entries. We must be learning our lessons.

It's been a pleasure scoring these last two CW QSO Parties, and the *HARBORITES* look forward to being able to do it again in the near future.

73's, and see you on a net soon.....

Tom Cook, KA7EXP - CH

Paul Nelson, N7JPF - CM

NEWS RELEASE:

CONTACT PERSON: RAY MOYER
P.O. BOX 29721
DALLAS, TX 75229
PHONE: 817/283-8452

TEN-TEN INTERNATIONAL CONVENTION ARLINGTON HAM-COM EXPO HALL, ARLINGTON, TEXAS JUNE 7,8,9, 1991

Enjoy the fun of meeting your Ten-Ten friends from all over the world and participating in one of the largest ham conventions outside of Dayton, Ohio.

The Ham-Com will have technical forums, an indoor flea market, Ten-Ten Forums, new products and dealer displays.

There will be many YL and family activities including a YL hospitality room, several different tours and shopping trips, the Six Flags Over Texas amusement park and Wet N' Wild water park, plus other activities.

A special room for all the Ten-Ten activities has been setup inside the Ham-Com area. Certificate hunters will have a place to discuss their activities. Other Ten-Ten members will have a place to hear about Ten-Ten and everyone will have a place just to relax. There will be chapter displays set up also.

Single Ham-Com Pre-Registration is \$8.00 each plus \$1.00 for Ten-Ten Pre-Registration. Family Ham-Com Pre-Registration for 1 Ham and up to three non-hams in the immediate family is \$10.00 plus \$1.00 for Ten-Ten Pre-Registration. For registration at the door just add another dollar to each fee plus alot of extra time. This is good for all three days.

Chapter tables will be available. A special banquet is in the planning at this time. Details to come.

To receive information on the Ten-Ten Convention and Ham-Com plus a Pre-Registration Form please send an SASE (No. 10 Envelope) to the following address: **Republic of Texas-Ten-Ten Convention; Box 29721; Dallas, TX 75229.**

This event is hosted by the Repbulic of Texas Chapter of 10-10 International. Co-Chairmen Ray Moyer, WD8JKV and Tom Gilbreath, WD5BFO.

New 10-10 Counties Award

Here is a new 10-10 award for you ambitious 10-10'ers. It is the new 10-10 Counties Award.

County Hunting is a fascinating part of Ham Radio and has been around for a quite some time. CQ Magazine offers a County Award and the Mobile Amateur Radio Awards Club (MARAC) also offers a number of County Hunting Awards. 10-10 decided to offer their own County Hunting Award to supplement the other 10-10 Awards.

Any contact made on 10-meters with the exchange of 10-10 numbers and the county from which each station is transmitting from counts for a county "worked". QSL card confirmation for the contact is not required for the 10-10 Counties Award. However, a QSL card that confirms the contact, even if the county did not exchange during the QSO, is considered a valid contact and the County listed on the QSL card can count for the 10-10 Counties Award.

The 10-10 Counties Award is based on the "honor" system, the same as the 10-10 Bars Award, wherein QSL confirmation of the contact is not required. The CQ Magazine County Hunter Award does require QSL confirmation of each contact in order to count for their award. If you would be interested in the CQ Award, it would be desirable for you to have your counties confirmed by QSL card at the time of working them.

In order for you to maintain a record of the counties you work, 10-10 is making available a 10-10 County Hunter Record Book. This spiral bound 8 1/2" x 11" book lists the all of the 3076 counties in each state, alphabetically, first by state and then the county within the state. Space is provided to enter the Call of the station worked, the 10-10 # the date and the award. Also enclosed are the rules for 10-10 County Hunting and an application form for submitting your counties to the Award Manager.

The basic Certificate is issued for submitting your first 100 counties. Each 100 counties worked after the first 100 may also be submitted. A colored seal will be issued for the following levels of achievement:

RED seal for 500 Counties
BLUE seal for 1000 Counties
YELLOW seal for 1500 Counties
GREEN seal for 2000 Counties
SILVER seal for 2500 Counties
GOLD seal for 3000 Counties

A Plaque will be awarded for working all 3076 Counties.

The best way to begin your 10-10 County Hunting is to go through all of your QSL cards and list all of the counties you have made contact with so far. Remember the 10-10 number and the county must be listed on the card. The 10-10 Counties Award Manager has the new 10-10 County Hunter Record Book. The cost is \$5.00 US postpaid and \$7.00 US Airmail to DX Members. Send for your Record Book to:

10-10 Counties Award Manager
Alice Jenkins, NR4R
One Mitchel Lane
Rossville, GA 30741

Alice has volunteered to be our new 10-10 Counties Award Manager. She and OM Paul, W4UIQ, are active members of the Chattanooga Choo-Choo Chapter. Alice is Chapter Head and OM Paul is Certificate Manager. They are familiar with County Hunting having over 500 Counties confirmed for the CQ Award.

Remember, there are 3076 Counties in the 50 United States and not all have ham population. Therefore many will have to be worked via a mobile station.

Receiving the 10-10 PLAQUE for working all 3076 counties on 10 meters will not be easy to obtain. Here is a challenge for you paper chasers. Good luck, and foremost, have fun County Hunting on 10-meters!

TenX DX News

Mike Davidson KC5CP



The 1990 DX season closed with a very good year and completion of my dream of working 200 TenX countries. The 200th came when I worked VP2V/WDOENG in the British Virgin Isl. on Dec. 6th. Tim was with a group sailing in the Caribbean and he would operate from his land QTH when time permitted. By the time you read this Tim will be back in the states but keep looking for others to stop off at VP2V as there is no active TenX member on the island.

November and December have been the best conditions we have had during Solar cycle 22. As I begin this article the Ten Meter contest is in the log and I worked all the states but two and found 60 countries. TenX members were not very active as expected but I have listed several in the QSN reports at the end. I operated SSB and CW ending up with 1050 contacts. One large station here in Houston worked 3260 SSB contacts and 110 countries!

The band now opens just after sunrise to Asia and Europe during the winter months for us in Texas. The afternoon path is into the Pacific and the band closes about two hours after sundown. Sporadic E layer skip may occur for short skip contacts after the DX is gone and will last for 2 to 3 hours. Those looking for WAS will find TenX nets active at night with the Sporadic E skip. Checking the solar flux at 18 minutes after the hour will continue to give you a good idea of what conditions are expected. When they announce the A index above 30 it usually means a flare has occurred and the band will most likely be poor. Best conditions need the A less than 10.

I have received some good letters the past few months and I want to encourage more of you to write me with DX info. Remember that this article is being written only about TenX members unless I mention differently. Several people have asked what is my station. I use a TS830 with a KW amp running into a 4 el. yagi at 75 ft or a 3 el. yagi at 40 ft fixed on Europe. I have a 15 & 20 Mtr 4 el. yagi on the same tower with slopers for 40 & 80 for the primary bands. Two VHF antenna for the DX Packet cluster completes the antenna farm.

Whats new? I want to welcome our 60 new DX members that have joined this fall: Europe 37, Asia 4, N & S America 4, Pacific 5, Canada 6 & Africa 3. Sorry but I do not get DX info from the VK & ZL new members. The most sought after will be the following: UD6DFA, UW0SR, C21JM, OH3MKL, H44AP, YC9VGB, ZD8EB, V51BG, T77V, and the rare FT5XH.

Here is DX info collected over the air.

TG9NR is Tony from Guatemala. This is one I had been looking for info on in past issues of the News. I found TG9NT (no number) and asked Renie to call Tony on the telephone. He did and Tony and I talked about radio & computers for 30 min. Tony runs a TS140 into a vertical. His YL is TG9AMS but she is not a member. I sent him some Packet radio software and still waiting on his QSL for a new country.

T77C as reported last issue operates CW & SSB. Tony has returned his QSL within just a few weeks of sending my card. QSL to Tony Ceccoli, Via Delle Oarrare, 67, 47031 Murata, Rep. San Marino (Via Italy). Watch 28455 at 1500 & 28021 about 1400 for Tony on the weekends.

SP8ARY is Ron the Only member in Poland. Received a quick QSL from Ron Rydzewski, P.O. Box 79, 23-210 Kasnik, Poland. Ron is 45 years old runs low power into dipoles so you need a big antenna to hear his, hi. We will make a schedule to meet you if you write him. He request a green stamp for the QSL postage return. Thanks to Bob Leaver W1ZGP from CT who sponsored Roman's membership for 2 years. Ron asked that I thank Bob and help him find a VFO RV-4 for his TR4C to work split. Anyone willing to help Ron please write as there is no equipment in Poland. He talks about his primitive English but don't let that fool you, he gave me country 188, wrote me a nice letter and I expect we will hear from Ron for many years with his new number. Thanks for a new one Ron.

RZ6AXJ is Tom RA6AR at the Sochi Airport ARC. I missed this in a past issue and wanted to get his address listed. QSL to Airport of Sochi ARC, %Tom Stepanov, P.O.Box 555, Sochi 354355 USSR. Tom attended the Convention in Milwaukee and spoke at my DX forum. W6IRT Norm and RA6AR Tom pictured below.



LZ1KVZ by Stan and others at the Technical Schools Radio Club in Sopot Bulgaria, continues to be very active. They were in the Ten Mtr contest and on weekends at 28505 at 1500. Remember to put the operators name on the QSL and please include a green stamp for postage to Vladimar Zaimov, Technical Schools Radio Club, P.O.Box 8, 4300 Sopot, Bulgaria.

OM6AJN by Ivan **OK1AJN** from Czechoslovakia and also club station **OK1KJA**. Ivan has a special call sign that will end at year end 90. His son is **OK1FGC** Stan also a member in Prague. Please QSL to **OK1KJA** Club Station, %Ivan Matejicek, Lipova 4-3523, CS-46600 Jablonec nad Nisou, Czechoslovakia. Ivan is a paper chaser and has good antennas so watch for him on or around the back scatter net 28825 at 1600.

YL2AG is Sandy in Riga Latvia using the new YL prefix. The original call was **UQ2GAG** and Sandy was issued 18387 in Dec 89, so you want to watch out for DX stations with these lower numbers. The DX manager has been using blocks of older numbers that were never issued. We worked Oct 4 on 28520 at 1445 so look for him about this part of the band. Please include a green stamp for QSL to Alexandr Borzenkov, P.O.Box 116, Riga Latvia 226063 USSR.

HXOURA is John from Paris France. He was on 28500 at 1530 and I do not know how long the special prefix is valid. He gave as his QSL route **F1HWD**. Note: the roster list his call as **F1HWB** which is wrong.

VU2GI is Goul from Bombay India. I worked him one morning on 28343 at 1545 with a 55 signal. Goul has been a member several years and has operated from the rare VU islands off India. This morning opening is not to common but the band was open short path to India. They normally operate very low in the band. QSL to his callbook address.

HBO/DL1ECU is Hel operating portable in Lichenstein.

Hel has operated from here before and has given out many new countries to people looking for **HBO**. Listed in the roster is **HBOLL** as the only member from Lichenstein so the visitors are much sought after when active. QSL to Helmut Enger, Kottsiepen 78, D-5600 Wuppertal 21, Germany.

TI75S by Jose **TI4SU** from Costa Rica. Another special callsign from a TenX member. Unknown how long the 75 will be used in their calls. He was on 28495 at 1500 and QSL to Bengt Hirche, Box 9, San Joaquin de Flores 3007, Heredia, Costa Rica and include an IRC for QSL return.

9M600 was Bob **N200** on a trip to E. Malaysia during early November. Bob was in Brunei **V85** before he traveled to **9M6**. I worked him for a new country on Nov 23 and he told me I was the first person to ask him for his number. I guess not too many people collect TenX DX except me, hi.

4U1UN operated from the United Nations in NY city, has been active on 28011 at 2100 and they were in the Ten Mtr contest. The UN in Switzerland **4U1ITU** also has a number watch 28433 at 1215. Most of the operators of ITU are guest ops so get the QSL info over the air. QSL **4U1UN** to **NA2K** Harry Westervelt, 72 Kuhlthau Ave., Milltown NJ 08850. Enclose a stamped SASE.

C9QL operated by Lloyd & Iris Colvin were active from Mozambique from Oct 16 to Nov 5. The east coast had the best skip and reports of working them are numerous but I missed them. I heard Iris on SSB but could not break the pileup. Comments about their operating technique have been growing and I agree with some of the comments. But remember this is just a hobby even though I take my DX seriously, hi. QSL to **YASME**, P.O.Box 2025, Castro Valley, CA 94546.

Many hams have tried to obtain permission to operate in this country since a war with insurgent forces started some 15 years ago. Fighting has not yet stopped and they were lucky to obtain official written permission for their operation. They made 5000 QSOs with 131 countries on 10-40M. Reports of numerous foreign amateurs who have applied for permission to operate from **C9** are surfacing since the **C9QL** operation. Lloyd & Iris may have helped open the door for others to operate from this rare country.

ZS9/W6KG operated by Lloyd & Iris were active the last week of Nov and into Dec from Walvis Bay. Reported 28021 at 1945 and 28434 at 1700. QSL to **YASME**.

VP2V/WDOENG is Tim on Br. Virgin Isl. Sailing with friends in the Caribbean he meets a schedule on 28620 at 1600. On Saturday 28400 at 1600. QSL mgr is **WBOCHL**.

UA2FJ is Nick in Kalingrad. Nick is on 28535 at 1630 and is one of two hams in his town that are members. QSL to the callbook.

UL7ACI is Urie in Kazakhstan. He is very active on 28482 at 1300. He was also in the Ten Mtr contest.

TA5/HA0MM is Gyoza portable in Turkey. Unknown if he is still there but check 28385 at 1440. QSL to callbook.

KD7P/NH7 is Bob on Kure Isl. Bob travels to many islands in the Pacific so watch for him on 28495 or 28025 at 0000 possibly split. QSL to Bob Winters, PO Box 8265, NCWP, MOU 3 GWAM, Dededo, GU 96912.

UA0FDX is Victor on Sackaline Isl. from Asiatic Russia. Victor operates around 28505 at 0100. QSL to callbook.

SM5BFC is Ken who is very active from Sweden. He gets a lot of callers on 28480 at 1500-1600. Ken collects US counties and will QSL for a new county. QSL to callbook.

I3UBL is Ulisse from Padova, Italy. He uses a **FT101ZD** with his **TH6DXX** at 90 ft. He complained that he had sent for his VP number and some bar awards and had not received anything back by mail. He talked about the Russians AM causing QRM on the band, hi. He has worked **UH8ABD** on Oct 21st who is Alex who got his number in July.

G40JH is Andy in England. We were talking DX on 28414 at 1600 for an hour. HP6AYV Victor in Panama broke in to swap numbers along with several US stations. Andy just completed TenX WAS and is starting on countries. He was in the Ten Mtr contest with 1975 QSO and 131 mults. Andy, 57, has a crank up tower to 60 ft and runs a KW amp to his home brew antennas. Andy received his News Dec 8th posted in Oct which shows us how slow the mail goes. He told me that state-side opens at 1130 and closes at 1900 so check 28370-410 at 1600-1830 daily except Sunday. Andy is serious about winning the Winter SSB QSO Party so watch out for G40JH.

Letters to the DX Editor:

K4HAV has just sent me his latest TenX Contest Program for the IBM PC and also a copy of his new DX 10-10 List. The contest program was introduced last issue by the editor and since then Jim has added the Master TenX roster from WA6POZ which is a major feature where you can look up TenX info various ways. I have used the program and it operates just like those written by K8CC & K1EA which are used by a growing number of hams. A demo disk limited to 25 QSOs is available on diskettes for \$5 (refundable on purchase) from Hardy Data Systems, 306 Frances, Sylvester, GA. 31791. Jim's phone 912-776-3583.

The DX 10-10 List is just like the one I printed two years ago using a PC database. Jim takes the DX calls, including the silent keys changed to lower case, sorts them and prints them in neat columns. The 6,800 calls are on 14 pages in a spiral binder and printed on a laser printer. The serious DX country hunter needs this reference which is updated monthly and cost \$5 postpaid (\$8 DX Air Mail).

Feature DX Station:

I have chosen Jim Smith VK9NS to be the Feature TenX DX Station. Jim lives on Norfolk Isl. with his wife Kirstie, VK9NL (not member) where he is in business for himself when he is not out on a DXpedition. Jim operated from Bhutan as A51JS last April and made 15,000 contacts. This was the first activity from A5 in many years. Jim left a complete station in Bhutan with the expectation that A51PN (not member) might be allowed back on the air. Jim also had permission to operate from Bangladesh but he changed his plans when several Japanese ops put on S2. The ARRL has accepted the documentation for A51JS and the cards count for DXCC. Jim operated from Banaba Isl as T33JS the previous year. This was a new country for everyone because of the change in DXCC rules about 2 yrs ago. QSL to Box 90, Norfolk Isl. 2899 Australia.

Jim recently completed a tour in the USA

where he spoke with several DX groups. While on this trip he passed his FCC test all the way to Extra Class and is waiting on a call sign. He stopped in Houston and some of the Texas DX Society group treated him to lunch. The photo below is (l-r) K5XI Sid, KC5CP myself, and VK9NS Jim.



Whats in the Future?

Don KA1BFC is going to Indonesia about Jan 1 so listen for YB3ARU. He may be there for 3 months so those of you who chase paper want to listen for Don.

Lloyd and Iris Colvin, W6KG & W6QL may be in Africa about 3 more months. They have been reported heading to Burundi 9U and Rwanda 9X.

Mozambique by WBONAA will be there 2 years and will attempt to obtain permission to operate.

St. Peter & Paul Rocks again by PS7KM Karl in May 91.

Niue by ZK2XB who is HA8XX will be active around Jan 1st.

Isle of Man now has a permanent resident in Buddy GDOAVF who is also W2KN.

Chatham Isl will be active by ZLOADN/7 who is HA8XX.

QSN Reports:

CT3EU	28480	at 1745.	DU9RG	28533	at 2330.
FO0IGS	28499	at 1930.	T77C	28494	at 1740.
UA0FDX	28504	at 2300.	UA0FF	28476	at 0025.
UL7ACI	28479	at 1520.	VK9NS	28451	at 2345.
VS6CT	28490	at 2345.	Z21GN	28473	at 1350.
BY4RB	28504	at 0030.	4U1ITU	28433	at 1215.
4U1UN	28011	at 2100.	TZ6VV	28432	at 1730.
NH6GJ	28446	at 0200.	UA0FDX	28016	at 0033.

Thanks to all especially Bob Winn W5KNE who publishes QRZ DX where I get the QSN and other info that helps to put this together.

73. KC5CP

Editor's Comment - I found this on Compuserve and thought it may be of use to new hams or folks helping new hams get on the air. Pass it along!

SUBJ: Getting Your First Antenna Up

=====

The following was originally posted as a series of messages to a new ham who lived in an urban setting. The same questions seem to keep coming up, however, so I thought I would load it in the data library for anyone who might find it handy.

There are several possibilities for getting you on the air from an urban rooftop.

The easiest would be to get a Cushcraft R-4. This works on 10, 12, 15, and 20 meters, and since it is a half-wave vertical which requires no ground plane you can just put it up on a short pole and expect it to work pretty well. I haven't used one but it has a very fine reputation. The trouble is it costs \$250.

Next easiest is a commercial quarter-wave multiband vertical, of which there are a number on the market for around \$100. They are available in 3 band models for 10, 15, and 20 meters, and 5 band models which add 40 and 80 meters. The 5 band models are considerably more expensive and performance on the lower bands is a bit dubious. They do work however. These antennas require a ground plane extending about a quarter wavelength from the base of the antenna. If you have a metal roof you might have it made, but most people have to run radials. These are horizontal wires running out from the base of the antenna. There need to be at least three wires for each band and more is better. The length in feet is 240 divided by the frequency in MHz. That's about 63 feet on 80 meters. You can cheat in various ways, but anything less than 3 wires running straight and horizontal at equal angles will degrade performance.

Ground plane verticals have a reputation for picking up local electrical noise which might be a serious problem in your area. I don't know how a half-wave like the R-4 would compare in this respect.

The next possibility would be a commercial multi-band trap dipole. These are wire antennas that run from about 50 to 100 feet in length, work on all bands, and cost from \$50 to \$100. The trouble with these is that they have to be kept away from obstructions, especially anything that acts like a ground plane. If you do NOT have a metal roof, you might be able to string one from a couple of short poles. A metal roof would be a problem.

Dipoles are somewhat directional. They have a four-leaf-clover pattern which is strongest about 30 degrees off the ends of the wire. They have a strong null along the line of the wire and a less pronounced null broadside to the wire. This means you may be able to reduce your noise level by orienting the antenna in a particular direction.

Finally, you can build an antenna. A single band vertical is not difficult, but much more trouble than a dipole or one of its variants (which are also the cheapest of all antennas). Antennas for the high bands are likely to be more practical in your location. A 10 meter dipole is only about 16 feet long and needs to be 8 to 16 feet above the ground or ground plane. Such an antenna can be built in rigid form out of something like wiring conduit if desired. Then it can be stuck up on a single pole and it is easy to experiment with

rotating it for optimum results. Or it can be of extremely simple wire construction.

If you can put up a single fairly tall pole or have something like a chimney to work from you can put up a dipole variant such as the "Inverted Vee". This is just a dipole with the wires drooped down from the center at about 45 degrees. The ends can come right down to the ground or roof. It is less directional than a horizontal dipole, but many people think it works better, especially for DX.

A dipole is just a more or less straight conductor, a half wavelength long at the desired frequency, broken at the center to attach a feedline. The length in feet of the conductor is usually given as 468 divided by the desired frequency in megahertz. When the antenna is made of wire, the ends will probably be looped or twisted around an insulator for support, and it is important to understand that the formula gives the maximum extent of the conductor in space, not the amount of wire used. The parts which are doubled back to form attachments don't count.

The formula is also an idealized approximation. The correct length of the antenna will be somewhat different depending on the type of wire used, the method of attaching the ends, the height above ground, and the presence of obstructions in the area. Therefore the thing should be cut to come out at least a few inches longer than the formula specifies so that it can be trimmed experimentally. The correct length is quite critical. Non-insulated wire should be used where practical.

The simplest insulator for the ends of the wire is just a small rectangle of flat plastic with a hole drilled near each end. The wire is passed through one hole and twisted back on itself. A cord or rope is tied through the other and led off to the supporting structure. The wire is also cut at the center and a similar insulator used to tie the two halves together. Some details are shown on pages 8-22 to 8-24 of the ARRL Antenna Book (14th edition).

The feed should be 50 to 55 ohm coaxial (shielded) line. The type designated RG-58 is the nicest to use since it is small, flexible, and relatively cheap. If you have a run of more than 100 feet or so, it may be worth considering the larger RG-8 or RG-213, but they are much more expensive and much more trouble to work with. They have lower losses for long runs and will handle high power levels.

Don't confuse RF coax with audio cable; it aint the same thing. Also, the coax used for cable TV is 75 ohm and will not work as well although it is not out of the question to use it.

The best way to connect a dipole like this is to use a commercial 1:1 balun transformer at the center of the dipole. "Balun" is short for "Balanced to Unbalanced" and this device serves to match the symmetrical antenna to the coax which is considered "unbalanced" because one side (the shield) is grounded. Without the balun, RF current may flow down the outside shield of the coax which can cause all kinds of problems (including angry neighbors when you wipe out the Saturday cartoons). The commercial units are waterproof and sturdy enough to support the tension on the two halves of the dipole. They cost \$15 to \$20.

The center of the dipole can also be supported by an insulator and the coax connected directly to it. The shield goes to one side of the dipole and the center conductor to the other. In this case, roll up about 8 turns of the coax into a coil about 6" in diameter, as close to the dipole center as practical. Tape or tie the coil and let it dangle. This forms a "choke" which

discourages the RF from running down the outside of the coax but does not affect the flow on the center conductor. This trick is shown on page 5-9 (figure 14) of the Antenna Book.

The outer ends of a dipole can be bent off at an angle if there is not enough room for the full half-wave length in a straight line. The more of the antenna which is bent out of plane, the more degraded the performance will be.

In a pinch, dipoles can be mounted indoors, either strung in an attic or stapled to a wall or ceiling. This only works on wood buildings without metallized insulation in the walls. Wiring, pipes and gutters can also cause trouble. Indoor antennas never work as well as outdoor ones.

Page 3-22 (figure 37) of the Antenna Book shows how to connect the standard PL-259 plug to RG-58 line with a little adaptor. This stuff is all available from Radio Shack, although their hardware is not of the highest quality.

To do the final tuning of an antenna requires an SWR meter, also known as a reflected power meter. Radio Shack sells one that will work for \$20. It is nice to have a good one like the cross-needle meters sold by MFJ and Daiwa for about \$70. If you are getting an antenna tuner anyway, get one with the meter built in.

The trick to tuning an antenna with an SWR meter is to take readings at opposite ends of the band, plus a couple of points in between to make sure you know what is happening. If the lowest reading is at the bottom (low frequency end) of the band, the antenna is tuned too low and therefore is too long. Snip about an inch off each end and repeat the measurements. At some point the reading will drop abruptly at the bottom of the band. Then take measurements every 50 KHz or so to determine where the minimum is. Snip half an inch at a time off each end and recheck until the minimum SWR occurs in the band segment you want to use most of the time.

To minimize interference, use the lowest power level which will register on the SWR meter, don't transmit any longer than you absolutely have to, and never, never turn the frequency knob while you are actually transmitting. If you have the type of meter with a "sensitivity" control, set the control in its maximum position. Put the meter in "forward" mode and increase transmitter power until the meter reads full scale. Flip the meter to "reflected" mode and read the SWR.

It helps a lot to have a helper and some means of communication between the shack and the roof. It could be simplest to set up the transmitter on the roof.

An SWR of less than 2 will be fine as far as the antenna goes, but many of the newer solid-state rigs won't put out full power at more than about 1.25. If the antenna doesn't come out that good, an antenna tuner may be needed at the transmitter.

=> Mike/W7KCB [75766,1455]

(Replies may be sent directly to Mike W7KCB via Compuserve at user ID 75766,1455. - Editor)

Ten-Ten International Silent Keys

00314 - W80GM	- Marion J. Keyoski, Moundsville, WV	25331 - K8RWF	- Roosevelt Wilder, S. Charleston, WV
00712 - W51ZL	- Ruth Gieske, Electra, TX	25458 - WA1JXL	- Herbert E. Backus, Bridgeport, CT
00829 - G3WYY	- J. R. Smith, Preston, Lancs.	26740 - WA4BGR	- James R. Groseclose, Bluff City, TN
00937 - W7INH	- Stephen Guelde, Littleton, CO	27879 - WA7ZKY	- Ralph H. Stevens, Keokuk, IA
01060 - WA5TKW	- Ben K. Rush, Lake Kiowa, TX	28154 - WA1YYK	- Jack LoMonaco, Agawam, MA
01531 - W3BDF	- Paul D. McReynolds, Feasterville, PA	28360 - W4TUQ	- Herman W. Perkins, Jr., Goldsboro, NC
01562 - W4CSA	- Paul C. McRae, Mobile, AL	28958 - W80TVA	- Donald H. Northrup, Fridley, MN
01595 - W0S0G	- Vernon Keith Boyer, Redfield, SD	29019 - W7RRF	- Lawrence J. Anderson, Tooele, UT
01793 - W4FYE	- Kenneth E. Cox, Summerfield, FL	29631 - W1WVX	- Alfred Bolton, S. Kingston, RI
02555 - W0CJH	- Frank Brashears, Hannibal, MO	30454 - W8KLC	- Thomas B. Coon, Celina, OH
02589 - W9SVJ	- William Gregorowicz, Mishawaka, IN	30470 - K8EJY	- Norman Jump, Dayton, OH
02630 - K0ABK	- William F. Johnson, St. Charles, MO	31711 - W2ENW	- Seymour Feldman, Mt. Pleasant, SC
02809 - K6RG	- Ivan L. Farman, San Antonio, TX	32007 - K4JGD	- Charles E. Smith, Jr., Red Bank, TN
02890 - W550	- Harold E. McBroom, Albuquerque, NM	32025 - W4WOL	- Roy D. Sarson, DeLand, FL
03112 - WA7OYL	- Frank B. Lee, Prescott, AZ	34093 - W8VEN	- Robert T. Johnson, Stollings, WV
03340 - K0ZCS	- Elmer M. Tapps, Des Moines, IA	35043 - VE3GKN	- Robert Baillie, Don Mills, ONT
03412 - K0PWS	- Chesley F. Poole, Millstadt, IL	35885 - KD5UQ	- Saunders A. Schreiber, Dickinson, TX
03704 - K6LJA	- Ted Glick, Santa Ana, CA	36047 - W6SCN	- William Mulvihill, Sherman Oaks, CA
03877 - WAB0PU	- Billy G. Koehl, Carroll, OH	36449 - W4KUE	- Herbert G. Powell, Cary, NC
04353 - VE7WP	- W. Porter, Vancouver, BC	36657 - K6CFV	- Saul Kimmel, Las Vegas, NV
04894 - WLPFA	- William C. Loeffler, Salem, NH	39054 - W6YAR	- John L. Morris, Norwa-Lk, CA
05130 - W6HON	- Roland Tyce, Chula Vista, CA	39627 - NT7C	- Phil C. Hendricks, Las Vegas, NV
05299 - VE3XV	- Boyd G. Paget, Sundridge, ONT	39834 - W9WWQ	- Joseph C. Rempala, Cicero, IL
05510 - W0UVP	- Herman Adkins, Crestwood, MO	40045 - N5HQD	- John E. Scott, Bremond, TX
05555 - W40BG	- James W. Williams, Stanford, KY	40667 - N0GUV	- Rev. Bill R. Crowley, Morrill, NE
05752 - W9IRT	- Edward T. Conner, Jefferson, IN	40753 - AA41U	- James B. Spooner, Dothan, AL
06266 - N7EG	- Alton L. Alderman, Athens, OR	41131 - KA4NMW	- Edward R. Volanth, Port Rieley, FL
06657 - W7PJY	- George P. Lancaster, Winslow, AZ	41325 - KC8TZ	- Wilson L. Griesinger, Celina, OH
08054 - W9QWM	- Harold E. Schrock, Paxton, IL	41507 - KA6TFC	- Milton J. Taggart, Gerber, CA
08071 - W0OLO	- Robert C. Canterbury, Kansas City, MO	41511 - W86YVP	- Robert Maddox, Norwalk, CA
08134 - K4HPF	- Albert A. Zimmerman, Springfield, OR	41723 - KA1LLH	- David L. Stewart, Stamford, CT
08265 - VE3BRN	- Howard C. Dunham, Ingersoll, ONT	42179 - W85YAI	- Rose M. Hardwick, Las Cruces, NM
08538 - W1KZH	- Roland L. Lalanne, W. Hartford, CT	43153 - K5PRJ	- Robert C. Byers, Elizabeth, AR
08872 - W6FGA	- Earl A. Putzker, Richmond, CA	44559 - W8CZD	- M. D. (Bud) Crawford, Van Wert, OH
10163 - WA2LJM	- Ramon P. Traver, Poughkeepsie, NY	44742 - KB4ABI	- Roy E. Ward, Nasliville, TN
11020 - WALMAR	- St. Clair M. Smith, Chapel Hill, NC	45217 - W1HKK	- Earl R. Lawson, Venice, FL
11562 - WA5VWG	- Edmund M. Snyder, Jr., Houston, TX	45590 - W89CYC	- Lowell A. Huck, Manitowoc, WI
11989 - W80PHN	- Allen P. Schmidt, Edina, MN	46645 - W1EZZ	- Malcolm E. Barron, Beverly, MA
12693 - W2LFX	- George C. Scott, Vincentown, NJ	46854 - K8DWL	- Harry C. Gammell, Hamilton, OH
12743 - W2VDW	- Claude R. Woodward, Utica, NY	47766 - K8BUD	- Frank Langford, Wabash, IN
12819 - K9IWC	- C. Reid Whipple, Wauwatosa, WI	49677 - W9ZMF	- Nile E. Smith, Greenfield, IL
13356 - W7TP	- Douglas H. Reid, Seattle, WA	49700 - KA2ALN	- Rudolph A. Kayfus, N. Babylon, NY
13517 - KBANY	- Michael E. Montagnino, Apollo Beach, FL	49901 - N4TUH	- James H. Muse, Pleasant Grove, AL
13801 - K1VJH	- William A. Quigley, Greenwich, CT	53529 - W9RXO	- Charles W. Colston, Alton, IL
13908 - W6YXH	- Henry S. Greenspan, Canoga Park, CA	53894 - KA2EIO	- E. F. Tukey, Toms River, NJ
15041 - WA6BDW	- A. V. Bible, San Diego, CA	54196 - KB8ATP	- Jack Southall, Kalamazoo, MI
16339 - AC4D	- James M. Carter, Knoxville, TN		
17167 - W0UAE	- John R. Stafford, Gravette, AR		
17467 - VE6RC	- Benjamin R. Collier, Edmonton, ALTA		
17489 - WA4WBG	- William E. McInnis, Gainesville, FL		
17962 - W6EFO	- Henry E. Hess, Sacramento, CA		
19817 - WD6DFB	- Robery Foell, Jr., Sacramento, CA		
20208 - N2DA	- Thomas A. Tanner, Harlingen, TX		
20658 - VE5HF	- Herbert Jacobs, Saskatoon, SASK		
21240 - KD6DB	- Arnold J. Meyer, Van Nuys, CA		
21660 - WD4NBH	- Maurice Grenier-Guild, Mobile, AL		
23302 - W86ZKN	- Clifford Skoog, Livermore, CA		
24024 - W8U55	- Joseph Rigg, Crossville, TN		

Please send Silent Key listings
and corrections to:
Grace Dunlap K5MRU
Box 445
La Feria, Texas 78559

Q R Z N2JEU - CONT'D.

should be good for 10 meters unless major solar flares kick up and spoil things for a few days at a time. Listen to WWV on 5, 10, 15 and 20 Mhz at 18 minutes past each hour for solar activity information. The solar flux, A index, and K index are available. If you let me know if anyone's interested I'll try to prepare a short course on using those numbers for the next issue.

Wanted - ARTICLES On my Editor's WISH LIST for 1991 are the following articles -

There HAS to be someone in the 10-10 family of hams that is presently running a beacon on 10 meters. With the decrease coming in band conditions (maybe we should start a pool or something as to when the bottom will drop out) beacons become essential tools for determining band openings such as they'll be. The band could be WIDE OPEN but unless somebody's transmitting you can't tell. Beacons serve that purpose. An article (or a series) on building a beacon would be most helpful and should help to populate the band during those "lean times".

How about writeups of your chapter's special event station or contesting experiences. An article on setting up a local contest and all of the trials and tribulations involved would be of interest to the newer chapters and members. Remember that some of the 10-10ese we use in terms like CM (Certificate Manager), CH (Chapter Head) and the like are mysteries to most of the new members. The new "New Members Handbook" helps a lot but more needs to be done to clarify the clutter.

Thanks to everyone for sending lots of pictures of people for the NEWS. How about some ACTION pictures too. It's nice to see a group of people at an awards banquet or other function but how about some pictures of that recent DXpedition to a rare grid square or special event operation? Photos of shacks are good too. They're even better when the station's owner is in them so get somebody else to snap the shutter for you! Remember that a black and white picture reproduces best but a very good color shot does well too. Don't send along a one-of-a-kind picture as I can't always guarantee that it can be returned.

Yup, He's at again! You're probably tired of hearing about it by now but there's a dial-up bulletin board system (several in fact) that serve the interests of Ten-Ten International members and Amateur Radio in general. I had planned to provide a list in this issue but there simply wasn't space so it should be in the next issue. The list should include a few DX bulletin board systems as well.

Keep in mind that one of the best ways to submit articles (those without pictures or drawings) is to send them electronically! A dial-up BBS is the perfect answer. In fact, several of the articles and information listings were sent to me that way for this issue. I'll bet you can't tell which ones they were either. If you want a multi-page information sheet detailing how to access the N2JEU (formerly Random Access) BBS and to submit articles for the News send

along a self addressed stamped envelope to the Editor at the address inside the front cover. I'll give you the phone number a bit later on.

The N2JEU BBS as joined the international FIDO BBS network. DX operators with access to one of the thousands of participating BBS systems outside of the USA can arrange with their local sysops to route messages to me at 1:260/304 (Your sysop will know what that means!). If sufficient interest is shown it may be possible to start a worldwide Ten-Ten International conference using the network. It could permit more timely distribution of news to our DX members. Check out the N2JEU BBS at (315) 697-7365.

Something's Missing Yes, I know that the Countries award update report is missing from page 26. I'm certain that it was indeed submitted but as I put this together I couldn't find it anywhere. My apologies to all concerned and I assure you that I'll make up for it in the next issue. Yes I know the index is missing too. It's 05:45 utc on the 5 Jan. 1991 and this has to go out in the mail in about 7 hours. Sorry if I missed anything folks and I promise to do better in the next issue. At least we shouldn't have all of the mailing delays the two holidays (Christmas and New Year here in the USA) caused for the next issue's submissions.

A shot at Stardom? As this goes to press I've been invited to take part in a new 60 minute weekly TV show on Amateur Radio that will appear on the SpaceNet 3 satellite on transponder 4 at 0300 utc on Wednesdays (10 pm eastern Tuesdays in the USA). I don't yet fully know what my function will be but it may involve a newscast with the latest news in Amateur Radio but since plans still aren't quite firm please don't get too excited. The satellite is available to most of the northern US and Canada and may be available to parts of South America as well (I'm not a satellite TV expert!). The starting date was set for 15 Jan. 1991 so I'll just have to see what happens. If it all works out I will have whatever 10-10 news that's available each week so send along those pictures and news items. To find out the latest information on the project check the N2JEU dial-up BBS.

That about wraps up things for this issue. I hope that 1991 treats you well and that peace becomes a reality in all areas of the world.

73's
Bob N2JEU

1 0 - 1 0 A W A R D S

New VP Numbers

Vp Num.	Call	10-10 #
2337	WB4BMM	46483
2338	VK6FP	38922
2339	WD9IUC	53520
2340	VE7ACM	30939
2341	N6WLF	54716
2342	KB6RKR	43529
2343	WB0CON	53964
2344	KB5KTY	54819
2345	N4ZEZ	55174
2346	W5JX	57130
2347	VK2DVU	30276
2348	WA5WQP	3372
2349	N7RV	34304
2350	KB7IFJ	53115
2351	K6YVG	18022
2352	KC4LIF	54408
2353	NL7PJ	54691
2354	K6SIG	48653
2355	KB5IAV	53234
2356	K5MOF	47524
2357	W0KVM	39193
2358	KC4LWY	53693
2359	VK2MUZ	38901
2360	KB0DPW	51706
2361	KE5TT	26603
2362	WB8JYX	2941
2363	N1GOF	48124
2364	KB0AOU	49270
2365	N7MFS	21186
2366	K6ASK	50969
2367	W1FJC	45243
2368	KA5TPN	54837

Worked All States Awards by KA1CAD

2025	IK6DPW	2037	WW0K
2026	KA1BFC	2038	WF0V
2027	N1BUR	2039	K2BPQ
2028	KA4NZG	2040	N4CRM
2029	N4ZEZ	2041	N4VFC
2030	K5MOF	2042	KA9KTY
2031	KB7DUX	2043	KA0VWP
2032	WA0QIT	2044	N9KAE
2033	NM0K	2045	VE1RX
2034	KC4LFI	2046	KB0GDI
2035	N7MSZ	2047	W2VLH
2036	WA6ZPX		

Editor Bob, on page 25, says: Something's Missing.. Your Pres, received a FAX from K1AS, our Countries Manager on Jan. 7th. The copy was inserted and here it is.

COUNTRIES AWARD Activities Report, December, 90

BASIC -25-	-55-
343 KB4BBC	80 N3FUR
344 KA1SPO	81 KD2CP
345 YV6CAX	82 PY4VD
346 KA1STU	83 N9KAE
347 KA1FUE	84 KC5AC
348 N3CYD	85 F1HNQ
349 KK6GN	86 UY5OQ
350 KA2ZZM	87 VE4ROY
351 N0HJQ	88 KB4WLD
352 KA5HSM	
353 KB0ADI	-65-
354 KC6EYZ	56 UY5OQ
355 KB8GWL	57 KD2CP
356 WB6IMS	
357 KA9ADD	-75-
	35 IK6DPW
-35-	36 UY5OQ
179 KB4BBC	
180 KA1SPO	-80-
181 KA2SKO	24 IK6DPW
182 KA9KTY	
183 YV6CAX	-85-
184 N6JQI	23 WA4IUL
185 W2HRW	
186 WB6MSE	-90-
187 OH3MIG	15 WA4IUL
188 KB8GWL	16 W5EIJ
189 N3CYD	
190 VK3AFM	-95-
191 KB4WLD	14 WA4IUL
	15 W5EIJ
-45-	
129 KB4BBC	- 100-
130 KA2SKO	13 WA5BBR
131 F1HNQ	14 W9WYN
132 KA3LHP	
133 GM4VPB	-120-
134 WB6MSE	4 N1API
135 N3BQS	
136 KB4WLD	-190-
137 VE4ACY	1 KC5CP

10-10 INTERNAIONAL NET, INC.

WORKED ALL CONTINENTS AWARDS

Chuck Imsande, W6YLJ, WAC Manager

CERT NO. CALL	10-10 CERT. NO. DATE	NAME
278 N4VTN	53086 09/14/90	Hal Sager
279 KA3UNQ	52390 09/18/90	James C. Elliott
280 AF5W	11616 09/23/90	L. L. (Roy) Milliren
281 VE1RX	51571 10/09/90	John Cecil Stevens
282 K4ZDT	1131 10/25/90	William T. Crews, Jr.
283 N9HHU	42712 11/04/90	James F. Williams
284 N6TXT	50198 11/15/90	Alvin L. Britton
285 WA3GFM	48036 11/16/90	Albert Belardia
286 WB6IMS	46399 11/19/90	Edward Prystup
287 W1KBV	52485 11/19/90	Earle R. Drake
288 KC4BVM	46409 11/19/90	John Keith Warner
289 KA3RZE	50527 11/26/90	Keith E. Brown
290 N0GGI	52964 11/29/90	Wayne Paulson

VP Awards by W4NWP

VP-100
#193-IK2DUW
194-KA7HNT
195-N8JCI
196-N6TXT

VP-200
#73-WB8JDM
74-KB0EOV
75-W4ZAA

VP-400
#25-AF5W

VP-600
#11-VE4ACY
12-WB1DBZ

VP-700
#8-VE4ROY

VP-800
#5-W9WYN
6-VE4ROY

Top Ten by N5EBA

1. WA5JDU	19,400	6. N7KRS	11,700
2. W0RWC	18,200	7. WA9LIC	11,600
3. K5MRU	15,200	8. N5CUQ	11,100
4. PJ2WG	14,200	9. WB7NUU	11,000
5. WB1DBZ	13,100	10. W8RNB	9,900

1000 Bar and Over by N5EBA

- 1000 -

1156 N8JIC	1164 DF1AI	1172 IK2DUW	1180 KF7KA
1157 KB6TBW	1165 K6IQY	1173 K7ROZ	1181 WA5WQP
1158 W4WJV	1166 W6JGS	1174 KC7DH	1182 G0DNV
1159 KA8WAS	1167 KA1TFU	1175 VK4VAS	1183 VE1BLM
1160 ZL1KQ	1168 VK5NDB	1176 W1ZIS	1184 UY5OQ
1161 KA3QOY	1169 K1CPQ	1177 KE9WZ	
1162 N7JCZ	1170 N2EGO	1178 N6TXT	
1163 N7MYM	1171 KA7OES	1179 W7BD	

- 2500 -

- 5000 -

- 7500 -

286 KA2SKO	291 K6SIW	54 VE7YM	-NO NEW BARS-
287 WB6OMH	292 AE2L		
288 N4JII	293 VK3YU		
289 WA4IUL	294 KL7LA		
290 WB0QKN			



FROM THE TREASURER
GERRY GROSS - WA6POZ - 21274

STATEMENT OF INCOME SECOND QUARTER 1990-1991
JUL 1, 1990 - OCT 31, 1990

	2TH QTR	YEAR-TO-DATE
REVENUE		
MEMBERSHIP	\$ 12,665	\$ 29,190
INTEREST	2,791	5,602
TOTAL REVENUE	15,456	34,792
EXPENSES		
OPERATING EXPENSES	10,731	23,008
AREA MANAGERS	1,179	2,793
OFFICERS & DIRECTORS	313	938
AWARDS & CONTEST	499	918
OTHER MANAGERS & SERVICES	368	1,037
TOTAL EXPENSES	13,090	28,694
NET INCOME (LOSS)	\$ 2,366	\$ 6,098
SCHOLARSHIP FUND	\$ 678	
TOTAL ASSETS	\$ 160,450	

NEW LIFE MEMBERSHIP from Sep 16, 90 to Dec 10, 1990

00009 K6PJO
01125 W5RAN
04541 K0JPW
06497 W9DRL
07588 K1SVP
12302 VK3AMD
16896 W9GSB
26975 N7BHZ
29601 WA1ZIC
35799 N4GYX
37174 W1WAC
37772 KI4IH
39060 WB6FSB
41433 W5IYR
42355 AK9A
43492 NW0J
43530 N6WMD
44662 N6MCF
45880 VE6ED
51300 KB5HGE
52395 KA3TII
52944 KB0ECQ
53441 KA3UKO
53477 N3HKL
53491 WB3IWU
53577 W9ZBU
54018 KB5JVV
54147 WA8VQQ
54654 N7NPE
54739 KA6TIR

SCHOLARSHIP DONATION

Bob Svare, K0QBJ #2308
James E. McCann, N6MCF #44662
Earl E Vaughn, KA6TIR #54739



Suncoast Chapter
Seated l to r -Ralph N4GQM Chap. Head
Ralph N4QIK Program Mgr.
Standing l to r -Ray KC4EJR Publisher (Suncoast CHAT)
Woody W4TQL Certificate Mgr.
Dan WV4Y Net Control Mgr.

December 11, 1990

To the Editor
10-10 Int. News
Robert Arnold N2JEU

Dear Robert,

My congratulations to you for the creation of a first rate publication for the 10-10 Int. Net.

I would appreciate your effort to edit and include the following item in the next issue of the 10-10 News.

10-10 Scholarship Program

The 10-10 Board of Directors created the office of Scholarship Program Manager. It is an honor and a privilege to have been selected by the Board to serve in that capacity.

I shall continue to provide liaison with the Foundation for Amateur Radio (FAR). FAR intends to award 33 scholarships for the coming academic year (1991-1992); two of which are funded by 10-10 at \$750 each.

Applicants for the 10-10 scholarships must be radio amateurs holding at least a Novice or equivalent foreign authorization. There is no restriction on the course of study, but applicants must intend to seek at least an Associate degree from a college or university in the U.S.A. Preference will be given to those seeking a graduate degree. Further, they must provide a written recommendation from a member of the 10-10 Int. Net.

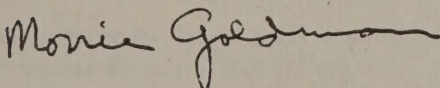
A single application form is used for all of the 33 scholarship awards offered by FAR. Application forms are available from:

FAR Scholarships
6903 Rhode Island Ave.
College Park, MD 20740

Applications must be signed and received by FAR prior to June 30, 1991.

The 10-10 Scholarship Program was initiated several years ago and is in consonance with our bylaws which stipulate that 10-10 shall not only promote activity on the 10 meter band, -but shall also support those operations designed for educational purposes.

Sincerely & 73,



Morrie Goldman W6EHM #4189
10-10 Scholarship Pgm Mgr
21518 Marjorie Ave.
Torrance, CA 90503

10-10 INFORMATION AND AWARDS

NEW MEMBERSHIP APPLICATIONS

Work 10 members. LOG each 10-10 number, call, sign operator's name, and location. Send list to your numeric call sign or DX area manager with \$5.00 U.S. new member registration fee, \$6.00 (foreign). Life and family memberships are available as well as annual. See order form. You will be issued a certificate of membership as well as a permanent 10-10 number. You will receive the 10-10 International Net news publication mailed regularly to all full members. See Order Form on the next page for renewals.

AWARDS

To apply for ANY of the 10-10 awards listed below proof of paid-up membership is MANDATORY. A copy of your membership card or the address label from your copy of the 10-10 News must be sent with the award application.

BARS AND PLAQUES

Work 10-10 members with on the air 2 way communication exchange numbers etc. Only 200 numbers per list may be submitted.

- 1) List numbers in numerical order call sign of station worked operator's name and location (QTH).
- 2) Submit only one list at a time.
- 3) Include YOUR name CALL 10-10 number and state which 100 bar you are requesting.
- 4) Enclose with your list a 4X9" envelope self addressed and stamped (SASE) with enough U.S. postage to return to you.
- 5) Bar applications Number 100 through 900 are mailed to: Glen Harding K7OMK, PO BOX #133, Garden City, SD 57236. Bar applications Number 1000 and up as well as plaque applications are mailed to: Ed Neal N5EBA, 1414 Hiawatha Lane, Burkburnett, TX 76354.
- 6) A 500 bar certificate costs \$1. Plaques for working 1000, 2500 etc. cost \$5.00 U.S. currency postpaid.

INTERNATIONAL 500 OF THE WORLD

With the 500 BAR comes an Honorary VP number membership in the International 500 of the world and eligibility to go after the following two awards:

- 1) V.P. Certificate: For VP's who work 100, 200, etc. other V.P. members. Contacts must be made above 28.9 MHz or between 28.3 and 28.55 MHz. Each contact must last at least 5 minutes or more. For complete rules and cost send a 4" X 9" SASE to: Hiram E. Wolf W4NWP, 126 W. 37th St., Riviera Beach, FL 33404.
- 2) Lucky 13 Certificate: Work 13 different V.P. members. Each contact MUST be in a different 100 kHz segment of 10 Meters between 28.5 and 29.7 MHz. Forms and rules are available from Glen Harding K7OMK, PO BOX # 133, Garden City, SD 57236.

WORKED ALL STATES (WAS)

Work and get QSL confirmation from one 10-10 member in each of the 50 states. Cost is \$2.60 (U.S.) for certificate and return postage. Your new member kit may have a copy of the "WAS Check Sheet" that serves as the application. Send your completed application to: Susan Brackeen KA1CAD, Rte 6 Box 151, Booneville, MS 38829.

COUNTRIES AWARD

QSL confirmation of QSOs with 25 or more 10-10 member countries. For complete rules application form and cost send a 4" X 9" SASE to: Alan Sherman K1AS, RR # 4 Box 422, Danielson, CT 06239.

WORKED ALL CONTINENTS

QSL confirmation of QSOs with a 10-10 member in each of the six continental areas. For detailed rules application form and cost send a 4" X 9" SASE to: Chuck Imsande W6YLJ 18130 Bromley St., Tarzana, CA 91356.

VP CERTIFICATE INFORMATION

The VP Certificate goes to members who have worked 100, 200, and so on other VP members on the frequencies below 28.55 Mhz or above 28.9 Mhz for a period of five minutes and have exchanged 10-10 and VP numbers. The list of numbers must include VP number, 10-10 number, call, name, and QTH of every VP number on the list and they are to be in numerical order. Include a statement that all contacts were made within the designated frequencies and for the length of time required. Proof of paid-up membership and one first class stamp for the special envelope. Do not send SASE. Overseas members send 3 IRC's. For where to send the list see address above under International 500 of the World.

New Award

Counties Award - For complete rules, costs and applications form send SASE to:

10-10 Counties Award Manager
Alice Jenkins NR4R
1 Mitchell Lane
Rossville, GA 30741 USA

SEE Pg 17
EDITOR

SASE for Correspondence

Please remember to send along a self addressed stamped envelope when corresponding with any 10-10 manager or officer if you expect a reply.

10-10 INTERNATIONAL AREA MANAGERS

U.S.A.

1st. Call area	Al Kaiser	N1API	194 Glen Hills Rd.	Meriden, CT	06450
2nd. "	Larry Berger	WA2SUH	9 Nancy Blvd.	Merrick, NY	11566
3rd. "	Chester Gardner	N3GZE	9028 Overhill Dr.	Ellicott City, MD	21043
4. FL, PR,	Dave Buschow	WD4MPG	2319 Contest Lane	Haymarket, VA	22069
4. VA, NC, SC	Tom Henderson	K4CIH	4901 15th Place E.	Tuscaloosa, AL	35404
4. KY, TN	Rick Roberts	N4KCC	7106 Ridgestone Dr.	Ooltewah, TN	37363
4. GA, AL	Jim Beswick	W4YHF	112 Owl Town Farm	Ellijay, GA	30540
5th. Call area	Grace Dunlap	K5MRU	(Oct to June) BOX 445	LaFeria, TX	78559
5th. "	Grace Dunlap	K5MRU	(June to OCT) BOX 13	Rand, CO	80473
6th. "	Dick Rauscher	W6ANK	4371 Cambria Street	Fremont, CA	94538
7th. "	Willie Madison	WB7VZI	10512 W. Butler Dr.	Peoria, AZ	85345
8th. "	John Hugentober	N8FU	4441 Andreas Ave.	Cincinnati, OH	45211
9th. "	Berniece Tielmann	N9CDO	11301 NA Darmstadt Rd	Lenzburg, IL	62255
10th CO, KS, MO, NE	Judy Long	WD0DHH	2681 Aster Street	Pueblo, CO	81005
10th IA, MN, ND, SD	Debbie Peterson	N0KQC	RR #1 BOX 35	Duncombe, IA	50532

ALL COUNTRIES EXCEPT VK, ZL, and U.S.A. -

Carol Hugentober K8DHK, 4441 Andreas Ave., Cincinnati, OH 45211 U.S.A.
 VK - Australia Les Olsen, VK2JLO 3 Noumea St., Shalvey 2770, NSW, Australia
 ZL - New Zealand T.J. (Mac) McKenzie, ZL3RK 73 Cygnet St., Christchurch 9, NZ

ORDER FORM

U.S. Members - Please make all checks payable to **10-10 International Net, Inc.** - DO NOT send cash. **DX Members** - Please pay by **International Postal Money Order** only. All applicants and DX members are reminded that Dollar amounts quoted below are in U.S. Dollars.

NEW MEMBER REGISTRATION FEE. First time only \$1.00 \$ _____

ANNUAL DUES, USA MEMBERS. . . . \$4.00 times number of years wanted. \$ _____

ANNUAL DUES, FOREIGN MEMBERS. . \$5.00 times number of years wanted. \$ _____

** LIFE MEMBERSHIP, 25 times the ANNUAL DUES (\$100 or \$125) \$ _____

Senior (65) Life Membership, (W/Proof) US \$35.00, Foreign \$40.00 \$ _____

FAMILY MEMBERSHIP, add \$.50 each person each year. \$ _____

10-10 STAMPS, 100 stamps \$1.00 \$ _____

-----> TOTAL DOLLARS ENCLOSED -----> \$ _____

** SEND YOUR Life Membership and Scholarship donations directly to:
 10-10, GERRY GROSS, WA6POZ, 643 N. 98th. #142, Omaha, NE 68114.

Renewal and New Members: Send dues to Call Area Manager listed above.

10-10 ROSTER (Latest edition - 4/89) \$7.50 US, \$9.00 FOREIGN, Paid up members only. MAIL TO: Dee Gilbert, KA6HQJ, P.O. Box 503, Madera, PA 16661-0503.

Foreign Members - You can have your 10-10 International News sent via airmail. Send \$10.00 to cover 4 issues to Carol Hugentober K8DHK, 4441 Andreas Ave., Cincinnati, OH 45211 U.S.A.

10-X Certificate Guide - listing of over 200 basic and 500 plus endorsements, etc. Cost \$5.00 U.S. - \$6.00 Foreign (Airmail incl.), Monthly updates available on subscription \$1.00 per month U.S. - \$1.50 per month DX (incl. airmail). Send directly to: Jim Beswick W4YHF, 112 Owlton Farm, Ellijay, GA 30540 U.S.A.

NAME _____ CALL _____ 10-10 # _____

ADDRESS _____ CITY _____

STATE/COUNTRY _____ ZIP _____

PLEASE INCLUDE CALLS, NAMES AND NUMBERS FOR FAMILY MEMBERS. _____

1991 Calendar of Events

- February 2 and 3 - 1991 Winter Phone QSO Party
See October 1990 issue for details.
- April 1 - Last date for room reservations at Dayton.
- April 26 and 27 - Dayton Hamvention
- May 4 and 5 - 1991 Spring CW QSO Party
See this issue for details.
- June 6, 7, and 8 - Ten-Ten International Convention
Arlington, Tx - see this issue for details
- August 3 and 4 - 1991 Summer Phone QSO Party
See this issue for details.

Complete and tear off here. Attach to front of your contest log.

Cover Sheet

Winter 1991 Phone QSO Party Chapter Assignment: _____

Total contacts with 10X #: _____ X 2 = _____ Points
Total contacts without 10X #: _____ X 1 = _____ Points

Send logs to:
Columbine YL Chapter
c/o Judy Long WD8DDH
2681 Aster Street
Pueblo, CO 81005 USA

Total contacts

Total Points

Logs must be postmarked no later than 1 March 1991

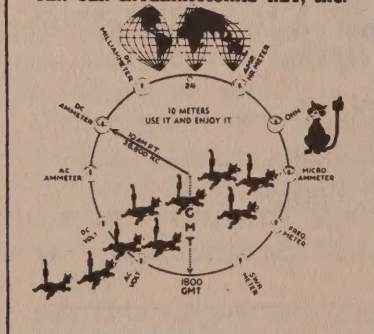
Include this cover sheet and the mailing label on it OR a cover sheet of your own (follow the format of this one) and a copy of your current Ten-Ten membership card as proof of Ten-Ten membership for awards.

Lee Pasewalk, WB6MGM (Rec. Mgr.)
18815 Yukon Ave.
Torrance, CA 90504

TIME TO RENEW? EXPIRATION DATE
IS ON MAILING LABEL BELOW.

BULK RATE
U.S. POSTAGE
PAID
PERMIT NO. 6
LONG BEACH, CA

TEN-TEN INTERNATIONAL NET, INC.



TO:

10715 12 1990 W 6ZM 01
BILL STEVENS
2074 FOXWORTHY AVE.
SAN JOSE CA 95124

Please send all address changes/corrections to the return address above.